

THE ANNALS

AND

MAGAZINE OF NATURAL HISTORY.

[EIGHTH SERIES.]

No. 46. OCTOBER 1911.

LV.—*Descriptions of new Genera and Species of Syntomidæ, Arctiadæ, Agaristidæ, and Noctuidæ.* By Sir GEORGE F. HAMPSON, Bart., F.Z.S.

THE following paper forms a sixth supplement to the first ten volumes of the 'Catalogue of Lepidoptera Phalænæ in the British Museum,' the former papers having appeared in the *Ann. & Mag. Nat. Hist.* ser. 7, vol. viii. pp. 165-186 (1901), vol. xi. pp. 337-351 (1903), vol. xv. pp. 425-453 (1905), vol. xix. pp. 221-257 (1907), and ser. 8, vol. iv. pp. 344-388 (1909).

The numbers before the species indicate their position in the classification adopted in those volumes. The types are in the British Museum.

Syntomidæ.

81 a. *Syntomis leucozona*, sp. n.

♀. Head, thorax, and abdomen black-brown with a slight bluish gloss; frons white; shoulders and pectus with white spots; abdomen with subdorsal white spots on first segment, lateral spots on second segment, and dorsal band on fourth segment. Fore wing black-brown with a faint bluish gloss; a triangular semihyaline white spot below middle of cell and postmedial spots below veins 7, 5, 4. Hind wing black-brown with a faint bluish gloss; a round semihyaline white

spot below the cell and postmedial spots below veins 5 and 3, the latter small.

Hab. BORNEO, Limbang (*Moulton*), 1 ♀ type. *Exp.* 46 mm.

195 a. *Syntomis tritonia*, sp. n.

♀. Head and thorax black shot with metallic green; the antennæ white towards tips; frons and tegulæ with white points at side, the shoulders with white spots; coxæ with white spots, the femora and tibiæ streaked with white, the tarsi with the basal joints white; abdomen black suffused with metallic green, the basal segment with subdorsal white spots and lateral orange spots, the four following segments with subdorsal orange bands and ventral spots. Fore wing black suffused with brilliant metallic green; an elliptical hyaline antemedial spot below the cell, quadrate spot in end of cell, oblique spot below vein 2, and elongate postmedial spots above veins 6, 4, 3. Hind wing black shot with brilliant metallic green; a hyaline patch on basal inner area, spot in end of cell, and postmedial spots above and below vein 3.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♀ type. *Exp.* 50 mm.

297. *Balacra furva*, sp. n.

Pseudapiconoma rubricincta, Hampson. Cat. Lep. Phal. B. M. i. p. 151 (part.).

♂. Head and thorax white, the palpi, frons, and edges of tegulæ crimson, the patagia with crimson stripes, the pro-, meso-, and metathorax with paired dorsal bars; antennæ black below; pectus and femora crimson, the tibiæ and tarsi white; abdomen crimson with white and fuscous segmental lines, the anal tuft white at tip, the ventral surface white with crimson bands. Fore wing with the basal half, inner area, and costal area buff, the last extending beyond the cell down to vein 6 and with a white stripe on costa to beyond middle and antemedial spot on vein 1; the rest of wing hyaline, with the veins buff; a hyaline spot in end of cell before the buff discoidal patch conjoined to the buff on costal area. Hind wing small, with the tornus lobed; crimson, the cilia white.

Hab. GOLD COAST (*W. H. Johnston*), 1 ♂ type, Ashanti (*McCarthy*), 1 ♂. *Exp.* 40 mm.

300 a. *Melisa atavistis*, sp. n.

Fore wing of male with veins 2, 3, 4 not bent downwards; hind wing rather larger and less distorted, the costal area with fold towards apex only.

♂. Head and thorax black-brown shot with some metallic blue; legs scarlet, the tibiæ with some blue-black at base and orange on inner side, the tarsi orange; abdomen black-brown with silvery-blue segmental lines on terminal segments, subdorsal series of ochreous spots, the anal tuft crimson, the ventral surface with the basal half scarlet, the terminal half ochreous. Fore wing black-brown suffused with metallic blue. Hind wing black-brown. Underside of fore wing with grey-brown streak above vein 5.

Hab. GOLD COAST, Bibianaha (*Spurrell*), 3 ♂ type. *Exp.* 48 mm.

417 a. *Eunomia caymanensis*, sp. n.

♀. Head and thorax black; palpi white in front and behind; frons edged with white except above at middle; gulæ and a point on vertex of head white; tegulæ and patagia edged with white, the dorsum of thorax with white streak and the meso- and metathorax edged with white behind; pectus, fore coxæ at sides, and the femora above except at extremities crimson, the coxæ white in front, the legs streaked with white; abdomen black with subdorsal series of white and crimson bars, the terminal segments with dorsal white segmental lines, the anal segment with white patch, lateral crimson stripes, the ventral surface crimson at base, then with crimson bands. Fore wing hyaline, the veins and margins black slightly irrorated with white; an oblique white striga below base of cell and streak on base of vein 1; a black discoidal bar conjoined to the black on costa; the terminal band expanding widely on apical area and below vein 2, its inner edge angled inwards at discal fold. Hind wing hyaline, the veins and margins black slightly irrorated with white, the inner area black to submedian fold, the black on termen expanding widely on apical area.

Hab. GRAND CAYMAN, Georgetown (*Savage-English*), 1 ♀ type. *Exp.* 32 mm.

805 a. *Diptilon flavipalpis*, sp. n.

♂. Head and thorax black; palpi orange, the third joint

black; frons ochreous white; gulæ orange-red; vertex of head with ochreous streaks conjoined behind; tegulæ, patagia, and dorsum of thorax with brownish streaks; legs streaked with yellow and black, the hind tibiæ and tarsi orange; abdomen black with some yellow and brown hairs, the first three segments with dorsal yellow patches and their ventral surface ochreous white. Fore wing hyaline, the veins and margins narrowly black. Hind wing black with the fold and tuft white.

Hab. ARGENTINA, La Rioja (*Giacomelli*), 1 ♂ type. *Exp.* 24 mm.

P. 451. For *Trichodesma*, Hmpsn. 1898, nec Leconte, Col. 1861, read *DESMOTRICHIA*, n. n.

1062 a. *Delphyre pyroperas*, sp. n.

Head and thorax pale red-brown, the back of head and shoulders with paired crimson spots; palpi at base and coxæ pale crimson; abdomen black-brown, the four terminal segments crimson with slight dark segmental lines and the anal tuft blackish, the ventral surface crimson. Fore wing pale red-brown, the veins, discal and submedian fold slightly darker; a faint diffused discoidal patch, the apical area with faint diffused patch. Hind wing black-brown with hyaline streaks in, below, and just beyond the cell and on basal inner area.

Hab. BRAZIL, Rio Grande do Sul, 1 ♀; PARAGUAY, Sapucay (*Foster*), 1 ♂ type. *Exp.* 42 mm.

1091 c. *Eucereon pyroazona*, sp. n.

♂. Head and thorax black-brown mixed with yellowish, the back of head and shoulders with paired pale crimson spots, the metathorax with yellowish-white patch; coxæ crimson; abdomen black, with orange-scarlet subdorsal spots on fifth segment and dorsal band on sixth to eighth segment. Fore wing black-brown, with olive-yellowish streaks on the veins and in discal and submedian folds; a curved olive sub-basal line from costa to submedian fold; antemedial line slightly angled outwards below costa, then oblique to vein 1 and bent inwards to inner margin; a round dark spot at middle of cell defined on inner side by olive and on outer by a rather quadrate whitish patch; an olive discoidal striga; a sinuous olive line beyond the cell between veins 7 and 3; postmedial line pale olive, oblique from costa to vein 4 at

subterminal line, then bent inwards to vein 2 below end of cell and erect to inner margin; subterminal line pale olive, oblique to vein 5, then bent inwards to the angle of post-medial line at vein 3, where it terminates in an ochreous terminal patch between veins 4 and 2 with two short black streaks on it. Hind wing black-brown with the interspaces hyaline in, below, and just beyond the cell.

Hab. VENEZUELA, Caura Valley (*Klages*), 5 ♂ type; BR. GUIANA (*Rodway*), 1 ♂. *Exp.* 42-46 mm.

Arctiadae.

NOLINÆ.

7 a. *Celama ochrolopha*, sp. n.

♀. Head and thorax white; palpi fuscous towards base; antennæ fuscous towards tips; pectus and legs suffused with fuscous, the tarsi ringed with white; abdomen whitish with diffused fuscous bands. Fore wing white, the inner and terminal areas tinged with brown; a small black spot at base of costa, the costal edge black to the antemedial line with a slight subbasal striga from it; antemedial line black, curved, expanding into a small spot at costa; tufts of ochreous scales at middle of cell and on discocellulars, slightly defined by blackish; postmedial line black, angled outwards below costa, then with a diffused black band before it forming slight streaks at the veins and angled inwards at vein 2, the line incurved below vein 4; subterminal line black, angled outwards at vein 6 and excurved at middle, angled inwards at discal fold and vein 2. Hind wing white tinged with brown, the underside with diffused dark discoidal spot.

Hab. SIKHIM (*Möller*), 1 ♀ type. *Exp.* 18 mm.

61 a. *Nola fovifera*, sp. n.

Fore wing of male with triangular fovea in upper extremity of cell.

Head and thorax grey-white mixed with fuscous; palpi black at sides, whitish above; antennæ blackish; legs black, the tarsi ringed with white; abdomen grey-white with obscure dorsal brownish bands. Fore wing pale grey irrorated with black; a blackish mark on costa near base; antemedial line black, slightly angled outwards below costa, then oblique and minutely waved, bent outwards above inner margin, a black patch beyond it on costa; postmedial line

represented by a series of black points on the veins, excurved below costa and between veins 5 and 3, then incurved; a diffused subterminal line with dark streaks on the veins, excurved below costa and at middle; a terminal series of black points; cilia with fuscous spots near base and fine line near tips. Hind wing whitish tinged with brown; the underside with the costal area irrorated with black, a fuscous discoidal bar.

Hab. GOLD COAST, Kumasi (*Whiteside*), 1 ♀; N.E. RHODESIA, Fort Jameson (*Neave*), 1 ♂ type. *Exp.* 20 mm.

61 c. *Nola perfusca*, sp. n.

♂. Head, thorax, and abdomen fuscous brown mixed with some grey. Fore wing fuscous brown mixed with grey and irrorated with black; traces of an oblique sinuous ante-medial line; a blackish spot in middle of cell; faint traces of sinuous postmedial and subterminal lines. Hind wing fuscous brown slightly irrorated with grey.

♀. Greyer, especially the head, thorax, and fore wing, the last without the blackish spot in cell.

Hab. S. NIGERIA, Lagos (*Lamborn*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 16, ♀ 18 mm.

Cocoon brown, formed several together on a leaf.

66 c. *Nola chionea*, sp. n.

♂. Head and thorax white; palpi and antennæ except towards base ochreous mixed with blackish; pectus and legs suffused with ochreous brown, the fore legs blackish, the tarsi ringed with white; abdomen white suffused with ochreous brown. Fore wing white, the terminal area suffused with ochreous brown except at apex; an ochreous-brown patch at base of costa, a medial patch from costa to median nervure and another from vein 2 to inner margin with some silvery scales on them; a postmedial series of points on the veins, incurved below vein 4 and below vein 2 to the inner medial patch; an indistinct white subterminal line excurved below vein 7 and at middle; some brownish spots on costa towards apex and a series at extremities of the veins; cilia ochreous mixed with brown. Hind wing white, the cilia tinged with ochreous brown except towards tornus; the underside with the costal area thickly irrorated with brown, a dark discoidal spot.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♂ type. *Exp.* 18 mm.

90 a. *Nola diagona*, sp. n.

♀. Head and thorax white slightly irrorated with brown; palpi with brown spot on second joint in front; pectus and legs suffused with brown, the tarsi ringed with white; abdomen ochreous white, the ventral surface suffused with brown. Fore wing white irrorated with fuscous especially on outer half of medial area; a small subbasal dark spot on costa; antemedial line blackish with small spot on costa, oblique and sinuous to submedian fold, then inwardly oblique; a dark spot on costa above end of cell and oblique sinuous line from lower angle to inner margin; postmedial line blackish, oblique to vein 5, then inwardly oblique and slightly bent outwards to inner margin; subterminal line indistinct, dark, angled outwards below vein 7, excurved and with dark patch before it at middle, then oblique; a slight maculate line before termen, bent inwards to costa, and a terminal series of dark striæ. Hind wing white, the termen tinged with brown except towards tornus; the underside with the costal area irrorated with brown and a discoidal striga.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 1 ♀ type. *Exp.* 22 mm.

115 a. *Ræselia xanthoplaga*, sp. n.

♀. Head and tegulae white, the thorax white tinged with ochreous; palpi, antennæ, pectus, legs, and abdomen white tinged with brown, the tarsi fuscous ringed with white. Fore wing white suffused with pale red-brown, some yellow suffusion on basal area, the inner medial area yellow tinged with rufous and irrorated with large black scales, and with slight black streaks on vein 2 and in submedian fold; antemedial line rather ill-defined, double, brownish filled in with white, excurved, a blackish spot on it at costa and an oblique blackish bar beyond it from costa with an oblique whitish shade from before it to lower angle of cell; postmedial line absent; the apical part of costa suffused with blackish, with some white points on costa; subterminal line indistinct, white, obliquely excurved below costa, excurved to termen at middle, a white patch at tornus with an elliptical red-brown patch on it and a dark line on its inner edge; cilia white mixed with brown on apical half and with some dark points above tornus. Hind wing white, the apex faintly tinged with brown. Underside of fore wing white suffused with fuscous brown except on inner area.

Hab. SIKHIM (*Möller*), 1 ♀ type. *Exp.* 26 mm.

124 a. *Ræselia hemizona*, sp. n.

♂. Head and thorax ochreous white, the latter suffused with red-brown; palpi dark brown; antennæ red-brown; legs suffused with red-brown, the tarsi dark brown with pale rings; abdomen white, slightly tinged with red-brown. Fore wing ochreous white, the costal area to beyond middle and the terminal area suffused with red-brown; an oblique red-brown bar from middle of costa to just below end of cell, defined at sides by white and with a few silvery scales on it; postmedial line very indistinct, oblique from the red-brown costal area to vein 4, then incurved; traces of a punctiform subterminal line, angled inwards at vein 2; the veins of terminal area with slight dark streaks on apical half. Hind wing white, the termen and cilia faintly tinged with red-brown except towards tornus; the underside with the costal area faintly tinged with ochreous.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 1 ♂ type.
Exp. 20 mm.

151 a. *Ræselia atrinota*, sp. n.

Hind wing with veins 3, 4 from cell.

♂. Head and thorax silvery white with a few blackish scales; palpi blackish; antennæ brown; the tegulæ with diffused blackish medial band; tibiæ and tarsi banded with brown; abdomen white suffused with ochreous brown. Fore wing silvery white irrorated with a few black scales, the apical area blackish to vein 3, with some silvery scales on it and a whitish patch on costa at apex; some brown suffusion on costa near base with a white subbasal striga on it; medial line indistinct, double, blackish, with some blackish suffusion on it at costa, oblique and slightly sinuous to submedian fold, then bent inwards to inner margin where there is a conical blackish patch on it; traces of an oblique black postmedial line before the dark apical area from costa to vein 4 and a black point in submedian fold, some whitish points beyond it on costa; traces of some black and whitish subterminal points on the dark apical area; a slight punctiform black terminal line; cilia blackish on apical half, whitish mixed with brown on inner half, and with slight dark line through them. Hind wing white tinged with brown, the terminal area suffused with brown except towards tornus; cilia with a dark line through them; the underside with oblique dark discoidal striga.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 1 ♂ type.
Exp. 22 mm.

LITHOSIANÆ.

215 a. *Nishada brunneipennis*, sp. n.

♂. Head and tegulæ orange-yellow; palpi brown at tips; antennæ brown; tegulæ with brown patches; thorax dark brown, with some orange-yellow at base of patagia and a patch on metathorax; pectus and legs yellow, the latter brown above; abdomen dark brown, the ventral surface yellow. Fore wing brown with a yellow spot at base of costa. Hind wing brown, the costal area whitish. Under-side of fore wing with the basal half whitish except the costal area.

♀. Hind wing uniform pale brown; the underside of both wings wholly brown.

Hab. MOLUCCAS, Batian (*Doherty*), 3 ♂, 1 ♀ type. *Exp.*, ♂ 22-24, ♀ 26 mm.

304 b. *Ilema mesosticta*, sp. n.

Fore wing with vein 6 from below angle of cell; 11 anastomosing with 12.

♀. Head and thorax ochreous brown; abdomen ochreous brown dorsally tinged with fuscous. Fore wing ochreous brown; a black spot in upper extremity of cell with another below it in submedian fold. Hind wing pale ochreous brown with the terminal area to vein 2 darker; the underside pale brownish grey, the costal area and terminal area to vein 2 more ochreous brown.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♀ type. *Exp.* 26 mm.

344 a. *Ilema cretacea*, sp. n.

♂. Head and thorax chalky white slightly tinged with yellowish; pectus yellowish; palpi and legs tinged with fuscous; abdomen yellowish with some whitish at base. Fore wing chalky white irrorated with a few brownish scales, the costal edge fulvous yellow. Hind wing chalky white, the inner margin and terminal area yellow. Under-side of both wings yellow, the fore wing tinged with brown except on costal and inner areas.

Hab. SIKHIM (*Möller*), 1 ♂ type. *Exp.* 28 mm.

379 a. *Chrysorabdia vilemani*, sp. n.

Chrysorabdia taiwana, Wileman, Entom. 1910, p. 178, ♀ (nec ♂).

♀. Head, thorax, and abdomen yellow; palpi at tips, sides of frons, and antennæ black; tegulæ metallic green

over black with yellow outer edge; femora towards extremities, tibiae and tarsi green over black. Fore wing yellow; a broad black costal fascia suffused with metallic green and of nearly even width throughout; a similar oblique fascia from above inner margin near base to below vein 5 near termen, pointed towards base; cilia blackish on apical half. Hind wing yellow.

Hab. FORMOSA, Rantaizan (*Wileman*), type † ♀ in Coll. *Wileman*. *Exp.* 54 mm.

Genus HELIORABDIA, nov.

Type, *Chrysorabdia taiwana*, *Wileman*.

Proboscis fully developed; palpi porrect, hardly extending beyond the frons which is smooth; eyes large, round; antennae of male ciliated; tibiae with the spurs moderate. Fore wing long and narrow; vein 2 from middle of cell; 3 from near angle; 4, 5 from angle; 9 from 10 anastomosing with 8 to form the areole, 7 from the areole; 11 from cell. Hind wing with veins 3 and 5 from angle of cell, 4 absent; 6, 7 coincident; 8 from middle of cell.

421 a. *Agylla endoloba*, sp. n.

Fore wing with the inner margin strongly curved and forming a lobe.

♂. Head and thorax white suffused with fuscous; antennae tinged with fulvous; abdomen white slightly tinged with fuscous; pectus, legs, and ventral surface of abdomen ochreous white, the fore legs brownish. Fore wing white, the inner half suffused with greyish fuscous, the costal edge tinged with fulvous yellow. Hind wing white. Underside of fore wing yellowish white, with a large diffused brownish patch on tornal area.

Hab. W. COLOMBIA, Rio Dagua, Naranjito, 1 ♂ type. *Exp.* 34 mm.

431 a. *Agylla steniptera*, sp. n.

♂. Head and thorax fuscous; palpi at base, antennae, vertex of head, tegulae except at tips and patagia ochreous; pectus, legs, and abdomen ochreous, the fore tibiae and tarsi fuscous. Fore wing narrow, silvery white, a broad fuscous fascia on inner margin with some ochreous suffusion above it; the costal edge ochreous, fuscous at base. Hind wing ochreous white, with some fuscous suffusion on termen from apex to vein 4. Underside of fore wing ochreous

white, the terminal area fuscous extending as a wedge-shaped patch in cell nearly to base.

Hab. W. COLOMBIA, R. Dagua, Naranjito, 1 ♂ type.
Exp. 30 mm.

545 b. *Garudinodes trizona*, sp. n.

Fore wing with vein 6 stalked with 7, 8, and 10.

♀. Head white, the palpi and antennae red-brown; thorax and abdomen red-brown, the patagia with a few white scales at tips, the tibiae and tarsi with white bands, the anal tuft whitish at extremity. Fore wing white; a broad oblique chocolate-brown antemedial band, its outer edge excurved at middle; an oblique medial chocolate-brown band expanding somewhat to costa and inner margin; a broad terminal chocolate-brown band leaving a small white patch at apex, its inner edge obliquely curved and slightly angled inwards below costa and at middle; cilia white except at base towards tornus. Hind wing pale chocolate-brown.

Hab. DUTCH N. GUINEA, Ron I. (*Doherty*), 1 ♀ type.
Exp. 20 mm.

560 d. *Macaduma castanea*, sp. n.

♂. Head, thorax, and abdomen chestnut-brown; pectus, ventral surface of abdomen, and anal tuft yellow. Fore wing chestnut-brown, the terminal half slightly tinged with grey and with a faint diffused curved chestnut postmedial band. Hind wing yellow, the terminal area tinged with red-brown, narrowing to tornus. Underside of fore wing with the truncate apical part of costa yellow.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 1 ♂ type.
Exp. 28 mm.

696 a. *Eurosia puncticosta*, sp. n.

Antennae of male ciliated; hind wing with veins 3, 4 shortly stalked, the costa strongly lobed and the apex truncate.

♂. Head, thorax, and abdomen red-brown, the last dorsally tinged with fuscous. Fore wing red-brown; the costal edge blackish towards base; a black-brown point at middle of costa and postmedial striga from costa. Hind wing rather paler red-brown.

Hab. BATIAN (*Doherty*), 1 ♂ type. *Exp.* 12 mm.

798 a. *Nodozana pyrophora*, sp. n.

Fore wing of male on underside with fringe of hair below

middle of costa, a patch of androconia in middle of cell and another patch on discocellulars, some silky scaling below end of cell with hairy scaling before and beyond it, the neuration rather distorted; hind wing with vein 5 from lower angle of cell.

♂. Head, thorax, and abdomen creamy white; palpi, antennæ, pectus, legs, and ventral surface of abdomen slightly tinged with brown. Fore wing creamy white; a small black discoidal spot; a large patch of fiery orange-red below and beyond the cell from before middle to near termen, extending slightly into the middle of cell and interrupted by a creamy-white bar from lower angle of cell to vein 1, then bent outwards to tornus, the outer edge of the patch obliquely curved from below costa beyond the cell. Hind wing creamy white. Underside of fore wing creamy white, with the fringe of hair below costa and the patches of androconia fuscous brown.

Hab. BOLIVIA, Yungas la Paz (*Seebold*), 2 ♂ type. *Exp.* 18 mm.

830 a. *Siccia melanospila*, sp. n.

Head, thorax, and abdomen grey tinged with pale red-brown; palpi black; fore legs and mid tibiæ and tarsi blackish. Fore wing brownish grey; small obliquely placed subbasal black spots on costa and below the cell; antemedial black spots on costa and below the cell; medial black spots on costa, in cell, and on inner margin, and a discoidal spot; traces of a punctiform postmedial line with black spots on costa, in discoidal and submedian folds and on inner margin, the line oblique from costa to discal fold, then inwardly oblique to submedian fold and bent outwards to inner margin; a spot on costa towards apex; some points on apical part of costa and spots at discal and submedian folds. Hind wing whitish suffused with brown; the underside with the costal area browner, a brown discoidal spot.

Hab. BR. E. AFRICA, Kikuyu, Escarpment (*Doherty*), 3 ♂, 1 ♀ type. *Exp.* 24 mm.

Genus PHACUSOSIA, nov.

Type, *P. xanthosoma*.

Proboscis fully developed; palpi porrect, not extending beyond the frons, which is rounded; antennæ of female ciliated; hind tibiæ with two pairs of spurs. Fore wing long and narrow, the apex rounded, the termen obliquely curved; veins 3, 4 from angle of cell; 5 from well above

angle; 6, 7, 8 stalked; 9 absent; 10, 11 from cell. Hind wing with vein 2 from near angle of cell; 3, 4 on a long stalk; 5 from just below middle of discocellulars; 6, 7 on a long stalk; 8 from middle of cell.

894 c. *Phacusosia xanthosoma*, sp. n.

♀. Head and thorax dark brown; shoulders with orange bar; metathorax with orange patch; coxæ yellow; abdomen orange, with lateral brown patches at base and the extremity dark brown. Fore wing dark brown; a small yellow spot at base of cell; a wedge-shaped hyaline patch in cell and elongate patch below it bisected by the dark submedian fold; a blackish discoidal patch; hyaline streaks beyond the cell between veins 10 and 2, the streak above vein 2 slight. Hind wing black-brown; the costal area whitish to near apex; a hyaline streak below the cell.

Hab. BR. N. GUIANA, Babooni (*Pratt*), 1 ♀ type. *Exp.* 36 mm.

896 a. *Tricholepis melanoxantha*, sp. n.

♂. Head and thorax orange; palpi and antennæ black; pectus and legs black-brown, the former with some orange in front and at sides; abdomen black-brown, the ventral surface orange except at extremity. Fore wing with the basal half orange, its outer edge straight and erect; a slight subbasal black streak on costa; the terminal half black-brown. Hind wing black, with the costal area to near apex and the cell orange.

Hab. MOLUCCAS, Batian (*Doherty*), 1 ♂ type. *Exp.* 16 mm.

930 a. *Asura anemica*, sp. n.

♂. Head and thorax pale yellow mixed with pale red-brown; abdomen yellowish white. Fore wing very pale red-brown; some pale yellowish at base of inner margin; slight antemedial yellowish marks on costa and below the cell; an irregular yellowish patch on inner medial area and an irregular mark beyond and below lower angle of cell; traces of some small subterminal yellowish spots and of slight spots on termen above and below vein 2. Hind wing yellowish white, the apex faintly tinged with brown.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 2 ♂ type. *Exp.* 20-26 mm.

1009 a. *Miltochrista phæodonta*, sp. n.

Head and thorax pale ochreous yellow; vertex of head and shoulders with black points; fore tibiæ with fuscous band at extremities; abdomen ochreous white, fuscous towards extremity and on ventral surface. Fore wing ochreous; fuscous streak on basal area below costa and cell and above and below vein 1, short towards inner margin; the costal edge black to the strongly excurved antemedial black line which does not quite reach inner margin; a slightly curved medial black line, approximated to the antemedial line below costa; postmedial line blackish, rather diffused, bent outwards below costa, then oblique and very highly dentate to above inner margin, some short black streaks beyond it below costa and a subterminal series of small blackish spots. Hind wing pale ochreous; a diffused pale fuscous postmedial line from costa to vein 2, slightly excurved below costa, then oblique; a faint fuscous subapical spot and subterminal bar towards tornus. Underside of fore wing with the basal half of costal area fuscous, a broad fuscous postmedial band except on inner area with slight streaks beyond it on the veins.

Hab. SIKHIM (Möller), 2 ♂, 1 ♀ type. *Exp.* 22 mm.

1153 a. *Diduga plumosa*, sp. n.

♂. Head, thorax, and abdomen greyish suffused with brown; palpi and fore legs blackish. Fore wing greyish suffused with red-brown; an oblique antemedial brown line with small spot at costa, slightly incurved below submedian fold and with some brown suffusion beyond it in cell; a faint elliptical brown annulus just beyond the cell; postmedial line with dark spot at costa, very strongly bent outwards below costa, then waved, bent inwards at vein 3, a maculate brown band beyond it and some dark points on costa; a terminal series of dark points. Hind wing greyish suffused with brown.

Hab. TAMBORA (Doherty), 1 ♂ type. *Exp.* 16 mm.

1162 a. *Eugoa sexpuncta*, sp. n.

♂. Head and thorax yellow tinged with brown; sides of palpi and frons black; abdomen yellow. Fore wing yellowish slightly irrorated with brown, the terminal area slightly suffused with brown; small obliquely placed subbasal and antemedial black spots below costa and in submedian fold, a spot above base of vein 2 and a discoidal spot;

an oblique brown shade from postmedial part of costa to discal fold beyond the cell and an incurved shade on inner area with blackish spots on it, above and below vein 1; an obscure rather diffused dark subterminal line arising from apex, angled outwards at vein 7, excurved at middle and above tornus and angled inwards at discal fold and at vein 2. Hind wing yellow, the apex slightly tinged with brown.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*) 1 ♂ type. *Exp.* 24 mm.

ARCTIANÆ.

Genus HEMAPHLEBIA, nov.

Type, *Baritius venata*, Roths.

Proboscis fully developed; palpi upturned, the second joint reaching to middle of frons, the third short; frons smooth; antennæ of male bipectinate with moderate branches, the apex serrate; hind tibiæ with two pairs of spurs; abdomen with some rough hair at base. Fore wing with the apex rounded, the termen evenly curved and not crenulate; vein 3 from before angle of cell; 5 from above angle; 6 from upper angle; 7, 8, 9, 10 stalked, 7 from just beyond 10; 11 from cell. Hind wing with veins 3 and 5 stalked, 4 absent; 6, 7 shortly stalked; 8 from middle of cell.

Genus PYDNAODES, nov.

Type, *Tessellartia distincta*, Roths.

Proboscis fully developed; palpi upturned, the second joint reaching to middle of frons and broadly scaled, the third short; frons smooth; eyes large, round; antennæ of male bipectinate with moderate branches to apex; fore tibiæ fringed with hair, the hind tibiæ with two pairs of spurs; abdomen with some rough hair at base of dorsum. Fore wing with the apex somewhat produced and acute, the termen evenly curved; vein 3 from before angle of cell; 5 from just above angle; 6 from below upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hind wing with vein 3 from angle of cell; 4, 5 shortly stalked; 6, 7 from upper angle; 8 reduced to a spur from middle of cell.

Genus NANNODOTA, nov.

Type, *Halisidota minuta*, Roths.

Proboscis fully developed; palpi upturned, reaching to

about middle of frons; antennæ of male bipectinate with moderate branches; fore tibiæ fringed with long hair; hind tibiæ with two pairs of spurs. Fore wing long and narrow, the apex rather produced and acute, the termen obliquely curved; vein 3 from angle of cell; 4, 5 strongly stalked; 6 from upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hind wing with veins 3, 4, 5 stalked; 6, 7 stalked; 8 absent.

Genus CHLOROCRISIA, nov.

Type, *Diacrisia irrorata*, Roths.

Proboscis aborted, minute; palpi porrect, short, fringed with long hair below; a long flattened downcurved corneous spine from between antennæ, pointed at extremity; eyes large, round; antennæ of male bipectinate with moderate branches to apex; thorax clothed with long hair; tibiæ fringed with long hair, the hind tibiæ with two pairs of spurs; abdomen dorsally clothed with long hair towards base. Fore wing with the apex rounded, the termen evenly curved; vein 3 from near angle of cell; 4, 5 from angle; 6 from upper angle; 7, 8, 9 stalked; 10, 11 from cell. Hind wing with veins 3 and 5 from near angle of cell; 6, 7 from upper angle; 8 from middle of cell.

Genus GRAPHELYSIA, nov.

Type, *Elysius strigillata*, Roths.

Proboscis rather slight; palpi porrect, extending as far as the large, pointed, conical frontal prominence; eyes large, round, smooth; antennæ of male bipectinate with moderate branches to apex; thorax clothed with long hair only; tibiæ moderately fringed with hair, the hind tibiæ with terminal pair of spurs only; abdomen with some rough hair at base of dorsum. Fore wing rather narrow, the apex rounded, the termen obliquely curved; vein 3 from well before angle of cell; 5 from above angle; 6 from below upper angle; 7, 8, 9, 10 stalked, 10 from far beyond 7; 11 from cell. Hind wing with veins 3, 4 from angle of cell; 5 from above angle; 6, 7 shortly stalked; 8 from near middle of cell.

1742 b. *Diacrisia neurica*, n. n.

Mænas venosa, Hampsn. Cat. Lep. Phal. B. M. iii. p. 251 (nec Moore).

1813 b. *Diacrisia nyasica*, sp. n.

♂. Head orange-yellow; thorax creamy white, the tegulae edged with yellow, the patagia and shoulders with black spots; palpi above and antennae black; pectus and legs orange-yellow, the fore coxae with black spots, the fore femora streaked with black, the fore and mid tibiae black above with yellow ring at extremity, the tarsi black, the hind tarsi black ringed with yellow; abdomen orange-yellow, with dorsal and lateral series of black spots except at base and extremity. Fore wing creamy white; a small black spot at base; an antemedial series of five black spots bent outwards at median nervure; a small discoidal spot and spot above it on costa; a small spot above base of vein 6 and incurved series of four spots between vein 3 and inner margin. Hind wing orange-yellow; a black discoidal point. Underside of fore wing orange-yellow with black discoidal point.

Ab. 1. Fore wing with the antemedial black spot in cell and the postmedial spots above veins 6 and 2 absent.

Hab. BR. CENTR. AFRICA, Zomba (*Neave*), 2 ♂ type. *Exp.* 38 mm.

1833 b. *Amsacta flavizonata*, sp. n.

♀. Head and thorax white, the palpi, back of head, and tips of tegulae yellow; antennae with the branches black, some yellow between their bases; femora yellow above, the fore femora, fore and mid tibiae, and the tarsi on inner side streaked with black; abdomen white, the medial segments dorsally yellow, lateral series of black points. Fore wing white, the costal edge yellow; antemedial black points on costa and above vein 1 and on one side below median nervure; a black point at upper angle of cell and two minute points at lower angle; a postmedial series of points, incurved below vein 3; a subterminal series of points from costa to vein 3, placed in pairs on each side of the veins; a series of points just before termen. Hind wing semihyaline white.

Hab. S. NIGERIA, Oshogbo (*Simpson*), 1 ♂ type. *Exp.* 36 mm.

1847 a. *Cretonotus neurophæa*, sp. n.

♂. Head, thorax, and abdomen white; palpi above and sides of frons black; antennae blackish; black spots above frons and on tegulae and patagia; throat with tufts of blackish hair; fore coxae and the femora above orange-yellow,

the tibiæ and tarsi blackish in front. Fore wing pure white; a black spot at base and discoidal point; vein 1 from before middle and the veins arising from cell except on costal area slightly streaked with blackish. Hind wing pure white with black discoidal point.

Hab. W. AFRICA (*M. Pounds*), 1 ♂ type. *Exp.* 40 mm.

1977 *b.* *Stenarctia griseipennis*, sp. n.

♂. Head and thorax grey tinged with brown; palpi black at sides; frons with black bar; antennæ black, the shaft white above, the tuft on basal joint crimson, a black spot between their bases and crimson points behind them; tegulæ with blackish spots at base of dorsum, the prothorax with blackish streaks; pectus whitish with pale crimson streaks below the shoulders; coxæ pale crimson, the fore coxæ with black spots, the legs striped black and whitish; abdomen fulvous yellow, the extremity crimson, subdorsal black spots except at base and extremity and a dorsal black spot on penultimate segment, sublateral series of black spots and a ventral series except at extremity. Fore wing grey with pale streaks on the veins; a subbasal black point below costa; an antemedial series of diffused fuscous streaks in the interspaces; obliquely placed medial black spots on costa and in cell, a discoidal spot and spot above it on costa; a curved fuscous postmedial shade interrupted by grey streaks on the veins. Hind wing ochreous yellow, the terminal area grey-brown, broadly at costa and narrowing to vein 1 where it terminates, the veins on it with slight pale streaks; the underside with the costal area suffused with fuscous brown.

Hab. S. NIGERIA, *Ilesha* (*Humphrey*), 1 ♂ type. *Exp.* 40 mm.

1990 *a.* *Seirarctia alicia*, sp. n.

♂. Head yellow with some fuscous on frons; palpi and antennæ black; thorax whitish mixed with brown, the patagia fringed with yellow and crimson hair and with two small black spots near base; pectus and femora above crimson, the tibiæ and tarsi banded blackish and white; abdomen yellowish irrorated with brown, the hair at base crimson, lateral series of black spots and sublateral series of bars. Fore wing white strongly and thickly striated with black, the inner margin and cilia yellow; a postmedial black spot in discal fold. Hind wing orange-yellow, the base and inner area tinged with crimson; a black discoidal spot;

confluent subterminal spots on costal area and at discal fold and spots at veins 2 and 1. Underside of fore wing suffused with crimson, except the costal and terminal areas which are yellowish white thickly striated with black; hind wing with the costal area to beyond middle and the inner area suffused with crimson.

Hab. BR. E. AFRICA, Bueni (*Neave*), 1 ♂ type. *Exp.* 40 mm.

GENUS HAPLONERITA, NOV.

Type, *Idalus simplex*, Roths.

Proboscis fully developed; palpi upturned, slender, reaching to about middle of frons which is smooth; eyes large, round; antennae of male bipectinate with very short branches to beyond middle, the apical part with bristles and cilia; hind tibiae with two pairs of spurs. Fore wing triangular; veins 3, 4, 5 from angle of cell; 6 from upper angle; 7, 8, 9 stalked, 10 arising from cell and anastomosing with them to form an areole; 11 from cell; male with elongate fovea below middle of cell with tuft of hair in it on underside. Hind wing with veins 3 and 5 stalked, 4 absent; 6, 7 from upper angle; 8 strongly curved, from middle of cell, the costa highly arched.

2083 a. *Baroa siamica*, sp. n.

♀. Head and thorax pale yellow, the vertex of head, tegulae, shoulders, patagia, and metathorax with black spots, the mesothorax with paired black spots; antennae blackish except at base; palpi with black spots on first and second joints, the third joint black; pectus and legs grey-brown, the coxae yellow; abdomen grey-brown, the dorsum black except towards base. Fore wing grey-brown, the veins, cell, submedian fold, and inner margin with slight grey streaks, vein 1 with a more prominent streak; a small black spot defined by yellowish at base. Hind wing blackish brown, the base and costa somewhat paler.

Hab. SIAM, Muok-Lek (*Fruhstorfer*), 1 ♀ type. *Exp.* 36 mm.

2113 b. *Rhodogastria sarconota*, sp. n.

♂. Head and thorax very pale red-brown; palpi crimson with black points on the joints; antennae dark brown, the basal joint black on inner side, crimson on outer; frons above, vertex of head, tips of tegulae, patagia at base, and

paired spots on pro-, meso-, and metathorax black; shoulders with black spots; pectus and legs whitish, crimson streaks below the wings, femora above, the tibiæ and base of tarsi streaked with crimson, the fore tibiæ and the tarsi red-brown; abdomen crimson, with the five basal segments pale flesh-colour on dorsum, the ventral surface brown. Fore wing pale red-brown, the cell and area just below and beyond it semihyaline; a small black spot at base. Hind wing pale red-brown, the inner area paler.

Hab. S. NIGERIA, Aro (*C. M. Gray*), 1 ♂ type. *Exp.* 50 mm.

2115 a. *Rhodogastria metasarca*, sp. n.

♂. Head and thorax pale red-brown; palpi pink, the first joint with black mark at side, the second and third joints black except at base; antennæ black except basal joint; frons and vertex of head with black points, the tegulæ dorsally and at sides, patagia, pro- and metathorax with paired black points; pectus and legs pink, the fore coxæ with black spots, the extremities of femora, the tibiæ, and tarsi streaked with black; abdomen pink with lateral and sub-lateral series of small black spots. Fore wings pale red-brown; a black point at base of costa and two in cell; a semihyaline patch beyond and below end of cell between veins 7 and 2, edged with darker brown on discocellulars and outer edge, and the veins on it red-brown. Hind wing pale flesh-pink, with a semihyaline patch in, beyond, and below end of cell, the veins crossing it pinkish; the apex tinged with brown; the underside with the costal area slightly tinged with brown.

Hab. S. NIGERIA, Sapele (*Sampson*), 1 ♂ type. *Exp.* 54 mm.

Subsp. 1. Fore wing with the semihyaline patch beyond and below end of cell very indistinct and ill defined, much narrower beyond the cell; hind wing without semihyaline patch on disk.

Hab. GOLD COAST, Accra, 1 ♂. *Exp.* 50 mm.

2116 a. *Rhodogastria castanea*, sp. n.

♂. Head and thorax red-brown; palpi pink with black mark at side of first joint, the second and third joints black except at base; frons with black points at sides and above; vertex of head with black spot; tegulæ dorsally and at sides, patagia, meso- and metathorax with paired black spots; pectus and legs pink, the fore coxæ with black spots, the legs

streaked with fuscous; abdomen pink, with lateral and sub-lateral series of small black spots. Fore wing red-brown, the cell and the disk beyond and below it semihyaline, a black point at base of costa and two in cell. Hind wing semihyaline, the veins, costal and terminal areas pale reddish brown, the inner margin pale pinkish; cilia pale.

Hab. S. NIGERIA, Old Calabar (*Crompton*), 1 ♂ type. *Exp.* 54 mm.

Agaristidæ.

82 a. *Polacanthopoda humphreyi*, sp. n.

♂. Head black, white at side; palpi white at base, the extremity of second joint and base of third white; antennæ with the shaft white above; thorax deep chocolate-red with the dorsum black, the tegulæ with white stripes, the thorax with white dorsal streak, the patagia with white stripes and orange hair on upper edge; pectus orange with some white at neck; fore legs black with orange streaks on femora and tibiæ, the latter fringed with white on outer side, the mid and hind legs orange, the mid tibiæ with black spots near base and extremity and white ring at extremity, the hind tibiæ with black spot near extremity and white ring at extremity, the tarsi black; abdomen orange with black dorsal stripe and some silvery scales in the crests, a black segmental line on fourth segment, the three terminal segments black ringed with white, the ventral surface with the four terminal segments black with patches of white. Fore wing deep chocolate-red, the costal area blackish to beyond middle, the terminal area redder; a silvery streak on base of vein 1; an oblique white striga from base of costa; a very oblique subbasal yellowish-white line from costa to submedian fold, with silvery spot before it below costa and line from cell to vein 1; an oblique white line irrorated with black from below costa before middle to below middle of cell, with silvery mark below it above vein 1; some silver below antemedial part of costa and an oblique bar across middle of cell; an oblique white bar across end of cell; a silvery discoidal bar with some silver above it below costa, a yellowish spot below vein 2 and silver striga at inner margin; an oblique postmedial series of white streaks irrorated with black in the interspaces from costa to vein 3, then white irroration to inner margin with a silvery line before it, followed by an oblique white line from costa to vein 2, and dentate between the streaks towards its lower extremity, then by a silvery line from costa to vein 4; a subterminal series of slight

whitish streaks irrorated with blackish on each side of the veins. Hind wing deep orange with broad black terminal band, its inner edge incurved below vein 2; cilia chequered black and white; the underside with black spot at upper angle of cell, the terminal band with whitish diffused spots before termen except towards apex and tornus.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 3 ♂ type. *Exp.* 50 mm.

88 a. *Rothia subterminalis*, sp. n.

♀. Head and thorax black; palpi with two white points; frons with lateral white points; antennæ with the basal joint white in front; gulæ white; tegulæ with dorsal and lateral white points, the shoulders with white points, the patagia, meso- and metathorax with paired white points; tibiæ with broad orange bands, the tarsi ringed with white; abdomen black, with white segmental lines and sublateral and ventral series of white spots, the anal tuft orange. Fore wing black; three white points at base; an antemedial series of four small pale yellow spots; a medial patch from below costa to below cell and a spot above vein 1; a patch from below costa across end of cell and a triangular spot below end of cell; a postmedial band from below costa to vein 3; a subterminal series of greenish-white spots in the interspaces, the spots towards apex elongate, the spot above tornus pale yellow; a slight greenish-white streak above middle of inner margin; the antemedial area with some silvery blue in cell and submedian interspace, a bar across middle of cell and patch below the cell, a discoidal bar from just below costa to below angle of cell and spot above inner margin; cilia pale yellow at tips. Hind wing scarlet with some black at base; a black terminal band slightly incurved at veins 3, 2; cilia yellowish white at tips. Underside of fore wing with the markings bright yellow, the patch in end of cell conjoined to the spot below the cell and spot above tornus, the subterminal spots absent.

Hab. GERM. E. AFRICA, Mt. Rungwe, 6500' (*Neave*), 2 ♀ type. *Exp.* 42 mm.

145 a. *Mimeusemia vilemani*, sp. n.

♂. Head and thorax black, the vertex of head, tegulæ, and patagia with white stripes, the metathorax with small white spot; palpi with some white at base and white ring at extremity of second joint; pectus orange, the tibiæ banded with orange, the tarsi ringed with white; abdomen banded

black and orange. Fore wing black; a rounded yellowish-white antemedial spot in cell, medial elliptical spot from discal fold to well below vein 2 and obliquely placed post-medial spots beyond the angles of cell, the upper rounded, the lower rather triangular; some silvery-blue irroration below costa to end of cell, short streak above base of vein 1, medial spots in and below cell and above vein 1, discoidal striga, slight curved postmedial series of spots, and two spots at tornus; cilia white at apex and above tornus. Hind wing orange, the basal, costal, and terminal areas black, the black apical area expanding quadrately into the cell to origin of vein 2 and with bar-shaped yellowish-white spot on it between veins 7 and 4; cilia with some white towards apex and above vein 1.

Hab. FORMOSA, Kanshirei (*Wileman*), 1 ♂ type. *Exp.* 46 mm.

Noctuidæ.

AGROTINÆ.

231 a. *Agrotiphila tenera*, sp. n.

♂. Head, thorax, and abdomen clothed with grey and brownish hair; antennæ black. Fore wing grey irrorated with reddish brown, the costal edge blackish towards base; antemedial line brown, waved; a small black spot at middle of cell and rather diffused discoidal lunule; postmedial line brown, bent outwards below costa, then dentate, angled inwards at discal fold and incurved below vein 4; some blackish on costa towards apex; subterminal line brown, minutely dentate, incurved at discal fold; a fine brown terminal line with blackish striæ on it. Hind wing grey suffused with brown, the cilia whitish except at base; the underside grey irrorated with brown, a slight discoidal spot and rather diffused postmedial line.

Hab. TIBET, Lanark Valley, 15,000' (*Bailey*), 1 ♂ type. *Exp.* 22 mm.

267 a. *Micragrotis nigrisigna*, sp. n.

♀. Head and thorax black-brown, the tegulæ with black medial line; the spurs and tarsi with whitish rings; abdomen brown mixed with greyish, the ventral surface blackish. Fore wing fuscous brown; double subbasal black striæ from costa; antemedial line with double black striæ from costa, then indistinct, waved; claviform small, defined by black above and at extremity; orbicular and reniform defined by

black, the former round, the latter constricted at middle, two slight black streaks between them; postmedial line with double black striæ from costa, then indistinct, bent outwards below costa, then dentate and produced to slight black points on the veins, some grey points beyond it on costa; subterminal line represented by a grey striga from costa with some blackish suffusion before it; a terminal series of black points. Hind wing greyish suffused with fuscous brown, the cilia pale with a dark line through them from apex to vein 2; the underside greyer with indistinct dark sinuous postmedial line with minute black striæ on the veins.

Hab. BR. C. AFRICA, Up. Shire Valley (*Neave*), 1 ♀ type. *Exp.* 30 mm.

638 a. *Hermonassa oleographa*, sp. n.

Head and thorax ochreous brown mixed with olive-green and some blackish; palpi with black patches at sides of first and second joints; frons with lateral black bars; antennæ black; fore coxæ and the tibiæ with black patches, the tarsi black ringed with ochreous; abdomen ochreous suffused with fuscous brown, the ventral surface black with lateral and sublateral series of ochreous spots and a patch at extremity. Fore wing brownish ochreous, the medial area suffused with olive-green except towards costa and inner margin; subbasal line represented by double black spots on costa; antemedial line grey, sinuous, double at inner margin and with double black spots on costa; claviform and orbicular defined by grey, the latter round; reniform black with grey annulus; a medial black spot on costa and indistinct incurved line from lower angle of cell to inner margin; postmedial line with double black spots at costa, strongly bent outwards and obsolescent below costa, then indistinct and double with a series of black points beyond it, the costa beyond it black with some white points; subterminal line pale defined on inner side by black towards costa, then by slight olive marks and on outer side by slight black points, slightly excurved below vein 7 and at middle; a terminal series of small black spots; cilia with a series of fuscous lunules at base and blackish tips. Hind wing pale brown, a fine pale line at base of cilia; the underside grey, the costal area ochreous irrorated with black and with two black bars towards apex, a slight discoidal lunule, traces of sinuous postmedial line and some black points on termen towards apex.

Hab. SIKHIM (*Möller*), 1 ♂, 1 ♀ type. *Exp.* 36 mm.

761 a. *Agrotis bisignata*, sp. n.

♀. Head and thorax rufous; palpi except at tips and sides of frons blackish; tegulæ black at base; mid and hind legs banded with black, the fore tarsi black at tips; abdomen grey dorsally tinged with fuscous and with lateral and subventral series of black spots. Fore wing rufous slightly irrorated with brown, the costal area whitish to beyond middle; an irregular black streak below base of cell; subbasal black points on costa and in cell; antemedial line double, with black points on costa and defined by black on inner side from subcostal nervure to submedian fold, waved, excurved above inner margin; claviform represented by a black point at its extremity; orbicular with whitish annulus defined at sides by black, round, the reniform with whitish annulus and black point on its outer edge, a quadrate black patch between them with blackish mark above it on costa; postmedial line double, dark with small black spots at costa, bent outwards below costa, then dentate, excurved to vein 4, then incurved; a black patch on costa before the very indistinct pale somewhat dentate subterminal line, excurved below vein 7 and at middle; a fine pale terminal line with series of slight black points on it. Hind wing pale brown, the cilia whitish tinged with rufous; the underside with the costal area tinged with rufous and striated with fuscous, a small blackish discoidal spot, postmedial line oblique and black towards costa, then faint and excurved at middle, and terminal series of black points from apex to vein 2.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♀ type. *Exp.* 40 mm.

776 a. *Agrotis mesosema*, sp. n.

♀. Head and thorax red-brown mixed with fuscous and whitish; palpi except at tips and sides of frons blackish; tegulæ mostly black with curved rufous medial marks; metathorax with white patch; pectus whitish; tibiæ and tarsi blackish ringed with white; abdomen pale brown, the base whitish, the ventral surface whitish irrorated with brown. Fore wing grey-brown with darker irroration, the basal half of costal area and antemedial area with rufous marks; a waved black subbasal line from costa to submedian fold defined on outer side by rufous; a diffused blackish streak below base of cell; antemedial line indistinct, oblique, waved, defined on inner side by rufous; claviform represented by a short black streak; orbicular and reniform with some rufous suffusion in centres, the former defined by

black, round, the latter defined by black except below, a black streak between them; postmedial line with double blackish spots at costa, then indistinct, bent outwards below costa, then dentate, excurved to vein 4, then oblique; a fuscous patch on costa before the hardly traceable pale curved subterminal line; a terminal series of black points; cilia white tinged with rufous. Hind wing pure white, the apical area faintly tinged with brown; a slight brownish terminal line except towards tornus; the underside with the costal area striated with brown, a small brown discoidal spot, slightly curved postmedial line with points on the veins and some points on termen towards apex.

Hab. TRANSVAAL, Johannesburg (*Cooke*), 1 ♀ type. *Exp.* 4.2 mm.

832 b. *Episilia ochricraspia*, sp. n.

Head and thorax deep rufous to blackish rufous; palpi with the extremities of second and third joints pale ochreous; shoulders with pale ochreous patches; abdomen rufous, the basal segments dorsally clothed with grey-brown hair. Fore wing deep rufous to blackish rufous, the costal area pale ochreous to beyond middle, expanding to median nervure on basal area and confluent with the ochreous semi-elliptical orbicular and large reniform stigmata, the latter with some brown scales in centre; some grey hair at base of inner margin; faint traces of a sinuous greyish antemedial line and curved postmedial line oblique below vein 4; a rather more distinct waved subterminal line. Hind wing grey tinged with reddish brown especially in female; a faint discoidal lunule; cilia reddish ochreous with slight dark line near tips from apex to vein 2; the underside greyish, the costal area suffused with rufous, a dark discoidal spot and terminal series of dark striæ from apex to vein 2.

Hab. FALKLAND Is., East I. (*Reid*), 9 ♂, 1 ♀ type. *Exp.* 40-44 mm.

958 a. *Lycophotia atrisigna*, sp. n.

♂. Head and base of tegulæ yellowish white with a few brown scales; palpi and antennæ blackish, the former yellowish white at tips; tegulæ with black medial line, the tips of tegulæ and thorax purplish grey; pectus and legs brown, the tibiæ with some yellow hair, the tarsi ringed with white; abdomen white tinged with brown, the ventral surface brown except at base. Fore wing purplish grey with some yellowish at base, the base of submedian fold and

veins and interspaces of terminal area with slight blackish streaks; an indistinct double dentate antemedial line with some yellowish scales on it; orbicular and reniform small, grey with slight yellowish annuli incompletely defined by black, the former round, a rather elongate black patch between them; traces of a minutely dentate postmedial line, excurved from costa to vein 4, then incurved, some yellowish points beyond it on costa; cilia yellowish mixed with fuscous. Hind wing pure white, the cilia fuscous at apex; the underside with the costal area irrorated with brown except towards base.

Hab. NATAL, Durban (*Leigh*), 1 ♂ type. *Exp.* 34 mm.

1009 a. *Lycophotia viridis*, sp. n.

♀. Head white mixed with reddish brown; palpi black at sides, red-brown in front and white at tips; antennæ brown; thorax red-brown mixed with grey, the tegulæ white at base and with black medial line, the patagia with pale green and blackish patches, the metathorax with white patch; pectus rufous, the tibiæ and tarsi with black and white bands; abdomen brown. Fore wing whitish suffused with sap-green and irrorated with dark brown, the basal half of costal area and cell white; subbasal line blackish defined on outer side by white, waved, from costa to submedian fold, with short black streaks beyond it on costa and below the cell; antemedial line blackish defined on inner side by white, waved; claviform defined by blackish at extremity; orbicular white defined at sides by black, round, the reniform with its centre suffused with brown, defined on inner side by a waved white line and on outer side and below by black points, a quadrate black patch between them with blackish mark above it on costa; an indistinct oblique dark line from lower angle of cell to inner margin; postmedial line whitish with two black points at costa, bent outwards below costa, then dentate and with black points on its outer edge, excurved to vein 4, then oblique; subterminal line faint, whitish, minutely waved, with blackish spots before it at costa, discal fold and above and below vein 2; a terminal series of black points; cilia whitish tinged with rufous. Hind wing pale brown with a rufous tinge, the cilia white faintly tinged with rufous; the underside white tinged with rufous, the costal area irrorated with brown, a small discoidal spot and slightly curved postmedial line.

Hab. S. NIGERIA, Ilcsha (*Humphrey*), 1 ♀ type. *Exp.* 34 mm.

HADENINÆ.

1208 m. *Elusa binocula*, sp. n.

♂. Head and thorax glossy red-brown, the palpi in front and frons paler red; pectus greyish; abdomen reddish brown, the extremity and ventral surface whitish tinged with rufous. Fore wing glossy red-brown; traces of a double oblique dark sinuous antemedial line; two small round obliquely placed fuscous discoidal spots, slightly defined by whitish and connected by a whitish bar; a faint dark medial shade, oblique from lower angle of cell to inner margin; postmedial line black, produced to short streaks on the veins, excurved to vein 4, then incurved and bent outwards above inner margin; an indistinct straight yellowish subterminal line defined on inner side by a maculate black line; a fine blackish terminal line. Hind wing glossy reddish brown, the cilia rufous; the underside greyish tinged with brown, a brown discoidal lunule with shade above it from costa, and curved minutely dentate postmedial line.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 2 ♂ type.
Exp. 26-30 mm.

1346 a. *Miselia albipuncta*, sp. n.

♂. Head and thorax fuscous brown mixed with grey; tarsi ringed with white; abdomen grey-brown, the anal tuft tinged with rufous, the genital tufts white. Fore wing glossy red-brown; subbasal line blackish, waved, from costa to submedian fold, a diffused grey-brown band beyond it with a white point on it in the cell; antemedial line blackish, waved; orbicular and reniform grey-brown defined by black, the former rounded, the latter somewhat constricted at middle and placed on the curved grey-brown medial shade; postmedial line blackish, bent outwards below costa, then dentate, oblique below vein 4; a grey-brown shade before the subterminal series of minute dentate black spots with white points on their outer edges, the white point above vein 6 more prominent and in submedian fold forming a conspicuous white spot; cilia dark brown and ochreous with a punctiform ochreous line at base. Hind wing brown, the interspaces of basal half whitish; cilia whitish with a brown line through them from apex to vein 2; the underside whitish, the costal and terminal areas suffused with brown and irrorated with white, a dark discoidal lunule and sinuous postmedial line.

Ab. 1. Head, thorax, and abdomen greyer; fore wing

more tinged with grey-brown, the whole terminal area grey-brown.

Hab. PERU, Aqualani (*Ockenden*), 1 ♂ type, Limbane (*Ockenden*), 1 ♂. *Exp.* 36 mm.

1374 a. *Miselia meyricki*, n. n.

Meterana pictula, Butl. P. Z. S. 1877, p. 386, pl. 42. f. 1; Hudson, New Zealand Moths & Butterflies, p. 19, pl. 4. f. 37 (nec White).

The species from the S. Island with the white spot on reniform of fore wing, the hind wing pink with fuscous terminal band.

Hab. N. ZEALAND, S. Island, Otago (*Enys, Hamilton*), 1 ♂, 1 ♀, Lake Coleridge. *Exp.* 40–42 mm.

M. pictula, White, type in B.M. agreeing with the figure = *rhodopleura*, Meyr., is the species from the N. Island without the white spot on reniform of fore wing, the hind wing suffused with fuscous except the inner margin.

1510 a. *Chabuata chionosema*, sp. n.

♂. Head and thorax purple-red, the tip of prothoracic crest and a streak on dorsum of thorax white mixed with brown; palpi with some ochreous and brown mixed; antennæ brown ringed with ochreous towards base; pectus with some grey; tarsi ringed with ochreous; abdomen brown with some ochreous at base, the sides and ventral surface purplish pink, the basal crest with grey mixed, the anal tuft red, ochreous at tip. Fore wing red-brown, the interspaces of basal half fiery red and ochreous, the postmedial area fiery red, the inner margin beyond middle and terminal area purplish; subbasal line represented by double brown striæ from costa; antemedial line double, brown, waved; claviform red, faintly defined by brown at extremity; orbicular and reniform fiery red mixed with yellow and defined by brown, the former round, the latter defined on outer side and below by pure white points and striæ; traces of an oblique sinuous line from lower angle of cell to inner margin; postmedial line brown with yellow spot at costa, bent outwards below costa, then dentate, excurved to vein 4, then oblique, some white points beyond it on costa; subterminal line brown with some yellow scales on its outer side towards costa, waved, excurved below vein 7 and at middle; cilia with a fine ochreous line at base. Hind wing ochreous, the veins and terminal half suffused with brown, the termen tinged with purple to submedian

fold; cilia ochreous, the underside ochreous, the costal and terminal areas thickly irrorated with purple, a black mark in cell, discoidal spot, sinuous postmedial line with minute dark streaks on the veins, and some slight lunules on termen from apex to vein 2.

Hab. PERU, S. Domingo (*Ockenden*), 1 ♂ type. *Exp.* 44 mm.

1602 a. *Eriopyga euchroa*, sp. n.

♂. Head and thorax rufous, the metathoracic crest black-brown; palpi and sides of frons black with some rufous scales; antennæ blackish; legs irrorated and suffused with black, the tarsi blackish ringed with ochreous; abdomen rufous, the basal crest and medial segments tinged with fuscous, the ventral surface red-brown except at extremity. Fore wing ochreous suffused with rufous; a black point at base; subbasal line double, black filled in with ochreous, waved, from costa to vein 1; antemedial line double, black at costa, then red-brown with blackish points at the veins, waved, incurved in cell and angled inwards on vein 1; orbicular deep rufous defined above by blackish, angled outwards at lower extremity; reniform rufous, its centre and outline defined by dark brown, below open and defined by small black spots and a white point at lower extremity, angled inwards on median nervure, a dark brown patch beyond it and another above it on costa, an oblique rufous shade from lower angle of cell to inner margin; postmedial line represented by a double series of black points and striæ filled in with ochreous, slightly bent outwards below costa, then with faint pale streaks and dark points beyond it on the veins, excurved to vein 4, then incurved, some white points beyond it on costa; subterminal line slight, ochreous defined on inner side by a rufous bar from costa, then by minute spots, excurved below vein 7 and ending at tornus; a terminal series of minute black lunules; cilia with a series of rufous lunules. Hind wing greyish ochreous suffused with brown except on inner area, the terminal area darker; a faint dark postmedial line; cilia reddish ochreous with a brownish line near base; the underside ochreous, the costal area irrorated with brown, a slight black discoidal lunule and rather diffused postmedial line from costa to discal fold.

♀. Abdomen suffused with fuscous except at base and extremity; fore wing slightly tinged with greyish, the

orbicular produced to the reniform; hind wing more uniformly suffused with brown.

Hab. COLOMBIA, Monte Socorro; PERU, Aqualani (*Ockenden*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 48, ♀ 54 mm.

1646 b. *Eriopyga prasinospila*, sp. n.

♂. Head and tegulæ whitish tinged with brown, the palpi and antennæ dark brown; thorax red-brown; pectus and legs rufous and whitish, the tarsi blackish ringed with whitish; abdomen fuscous, the extremity ochreous, the ventral surface rufous and whitish. Fore wing red-brown slightly tinged with grey; subbasal line slight, black defined by some grey and yellow-green, slightly angled outwards below costa and ending at submedian fold; antemedial line blackish, with a green spot on it at submedian fold, oblique, dentate; orbicular a small round yellow-green spot; reniform yellow-green with its centre defined by red-brown, slightly angled inwards on median nervure; postmedial line black with some grey on it, bent outwards below costa, then strongly dentate and produced to points at the veins, excurved to vein 4, then oblique; a subterminal series of small yellow-green spots and larger patch at apex. Hind wing fuscous brown, the basal area and inner area except towards tornus whitish; traces of a discoidal spot and curved postmedial line; cilia whitish tinged with rufous; the underside whitish, the costal area thickly irrorated with red, a small black discoidal spot and punctiform postmedial line.

Hab. W. COLOMBIA, R. Cauca, Guabinas, 1 ♂ type. *Exp.* 40 mm.

1671 a. *Morrisonia chlorodonta*, sp. n.

♀. Head and thorax bright rufous mixed with purple-grey especially on patagia, the tegulæ with black line near tips; abdomen rufous. Fore wing bright rufous mixed with purple-grey and some olive-green; subbasal line double, black filled in with purple, dentate, bent inwards to base at vein 1, an oblique white striga beyond it across the cell and an olive-green patch above vein 1; antemedial line black defined on inner side by purple, slightly angled outwards below costa and excurved below the cell; claviform large, defined by black and white above and at extremity; orbicular and reniform large, with brown and green centres and white annuli defined by black, the former rather oblique elliptical, the latter with curved whitish striga in centre; postmedial line black defined on outer side by purple, double at costa,

bent outwards below costa, then minutely dentate, incurved below vein 3, some whitish points beyond it on costa; subterminal line white with olive-green suffusion before it except towards costa and inner margin and defined on outer side by black, incurved below costa, angled outwards at vein 7 and dentate to termen at veins 4 and 3; a fine waved black terminal line. Hind wing red-brown with a fine pale line at base of cilia; the underside whitish thickly irrorated with red-brown, a dark discoidal spot and obliquely curved postmedial line.

Ab. 1. Head and thorax olive-green mixed with purple-grey; abdomen brown mixed with whitish; fore wing purple-grey mixed with olive-green and without rufous; hind wing paler.

Hab. N. ZEALAND, N. Island, Ngarua Wahia (*Longstaff*), 1 ♀ type, Taumaranui. *Exp.* 32-34 mm.

1674 a. *Morrisonia oliveri*, sp. n.

♀. Head and thorax grey-white, the vertex of head, tegulae, and dorsum of thorax tinged with brown, the outer edge of patagia brown; palpi brown; frons with lateral black bars; fore tibiae and tarsi suffused with brown; abdomen whitish tinged with grey-brown. Fore wing whitish faintly tinged with rufous, the area from subcostal nervure to above inner margin suffused with olive and blackish to postmedial line, the veins and submedian fold remaining whitish; a strong black streak below base of cell; antemedial line black defined on inner side by white, oblique, waved, from subcostal nervure to above inner margin; orbicular defined by black and with some whitish in centre, oblique; reniform defined by black, narrow, angled inwards on median nervure to below orbicular; postmedial line black defined on outer side by white, slightly bent outwards below costa, then oblique, dentate, angled inwards in submedian fold to near antemedial line; subterminal line represented by the outer edge of the white area, defined on inner side by dentate black marks below costa and from vein 6 to submedian fold, angled outwards to termen at apex and veins 7, 4, 3, the area beyond it olive and blackish; a pale line at base of cilia. Hind wing grey suffused with fuscous brown; the underside white tinged with grey, a dark discoidal spot and diffused curved postmedial line.

Hab. N. ZEALAND, S. Island, Wakatipu, Bold Peak (*Oliver*), 1 ♀ type. *Exp.* 46 mm.

1884 a. *Cirphis atritorna*, sp. n.

♀. Head and thorax red-brown mixed with greyish ochreous; palpi with the second joint blackish at sides; frons with black bar; tegulæ with black medial line and fuscous lines near base and tips; abdomen grey suffused with fuscous, the sides and ventral surface towards extremity ochreous suffused with red-brown. Fore wing red-brown sparsely irrorated with blackish, the costa with black striæ; a white point at base of cell, black subbasal point in cell and brown patch below base of cell; antemedial black points on costa and veins and patch on inner margin; orbicular an oblique reddish-white bar connected with the very narrow reniform defined by reddish white and a white streak on extremity of median nervure; postmedial line represented by a small black spot on costa, then by a curved series of points on the veins; three small black spots on costa towards apex; a red-brown patch on termen at discal fold and oblique blackish patch on tornal area; cilia with series of black points near base, blackish towards tornus. Hind wing fuscous brown with a cupreous tinge; cilia white tinged with rufous and with red-brown line through them from apex to vein 2; the underside grey, the costal area and terminal area to vein 2 suffused with rufous and striated with black, a black discoidal spot, diffused postmedial line and series of black points and striæ on termen.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♀ type. *Exp.* 34 mm.

2047 a. *Leucania yuconensis*, sp. n.

Head and thorax wood-brown; abdomen grey suffused with fuscous brown except the anal tuft which is white tinged with brown. Fore wing wood-brown slightly irrorated with fuscous, the veins slightly streaked with whitish, the interspaces of terminal area with faint dark streaks; a black discoidal point and postmedial points on veins 5 and 2; a terminal series of minute points. Hind wing fuscous black with some whitish at base; cilia white tinged with brown at base; the underside irrorated with white, the costal area whitish at base, the veins streaked with white, a terminal series of black points from apex to vein 2.

Hab. CANADA, Yukon, Dawson City (*G. A. Day*), 1 ♂, 1 ♀ type. *Exp.* 32 mm.

CUCULLIANÆ.

2494 a. *Eumichtis subterminalis*, sp. n.

♂. Head and thorax brown; the patagia with oblique whitish streak edged with some black scales; the metathoracic crest rufous; abdomen brown mixed with grey. Fore wing red-brown mixed with dark brown and sap-green, the terminal area whitish; subbasal line double, black filled in with green, minutely waved, from costa to vein 1; antemedial line double, black filled in with green and defined on outer side by green, waved; claviform defined by white and black at extremity; orbicular and reniform with incomplete whitish annuli defined at sides by black, the former round, the latter slightly angled inwards on median nervure; postmedial line double, black filled in with green and defined on inner side by green, bent outwards below costa, then oblique to vein 6, slightly incurved at discal fold, oblique and sinuous below vein 4, some whitish points beyond it on costa; subterminal line whitish, slightly waved towards costa and with small tooth on inner side at vein 5, oblique below vein 3 and slightly incurved at submedian fold; a terminal series of black lunules. Hind wing whitish suffused with brown, an indistinct sinuous postmedial line and waved terminal line; cilia whitish with a brown line through them; the underside whiter, the costal and terminal areas irrorated with black-brown, a discoidal lunule and waved postmedial line.

♀. Fore wing with the subterminal line forming a prominent white band, its inner edge incurved below costa, at discal fold, and below vein 3, the area beyond it dark.

Hab. COLOMBIA, Pasta, 1 ♂, 1 ♀ type. *Exp.* 38 mm.

ACRONYCTINÆ.

2799 a. *Stenopterygia hemiphæa*, sp. n.

Head and thorax white mixed with red-brown; palpi brown at sides, the extremities of second and third joints white; frons with lateral blackish bars; tarsi blackish with pale rings; abdomen whitish tinged with brown. Fore wing ochreous white, the basal half suffused with black, the terminal half with cupreous brown, a rather whiter zone between the two areas; traces of a waved black subbasal line from costa to submedian fold; traces of a waved antemedial line; reniform faintly defined by white; postmedial line indistinct, black, strongly bent outwards below costa, then strongly dentate, oblique below vein 4, some whitish points

beyond it on costa; traces of a whitish subterminal line defined by slight blackish streaks before and beyond it on the veins, incurved below costa, then dentate; a fine whitish line at base of cilia. Hind wing cupreous brown, the cilia with a fine whitish line at base and whitish tips; the underside with the basal half whitish tinged with brown, a dark discoidal point.

Hab. PENANG (*Ridley*), 1 ♀; Singapore (*Ridley*), 1 ♂ type. *Exp.* 34 mm.

2963 a. *Trachea atriplaga*, sp. n.

♂. Head and thorax grey mixed with brown; abdomen white tinged with brown, the basal crests blackish, the ventral surface irrorated with brown. Fore wing grey thickly irrorated with dark brown, the postmedial area suffused with reddish brown except at costa; a whitish subbasal line from costa to submedian fold; an indistinct whitish antemedial line, minutely waved, strongly excurved above inner margin; claviform a large black-brown patch extending to median nervure; orbicular and reniform large with indistinct whitish annuli, elliptical; postmedial line indistinct, whitish slightly defined on inner side by brown, bent outwards below costa, then sinuous, incurved below vein 4, some white points beyond it on costa; a whitish subterminal line, slightly angled outwards at vein 7, then curved; a terminal series of slight black lunules. Hind wing pure white with a terminal series of dark striæ; the underside with the costal area irrorated with brown.

Hab. UGANDA, Kasuye (*Sclater*), 1 ♂ type. *Exp.* 32 mm.

2974 a. *Trachea hyposcota*, sp. n.

♂. Head, thorax, and abdomen bright red-brown; palpi blackish at sides except at tips; tarsi blackish with pale rings. Fore wing bright red-brown slightly irrorated with ochreous; subbasal line represented by double blackish strize from costa and cell, a whitish point beyond them in the cell; antemedial line double, blackish, angled outwards below costa in submedian fold and above inner margin, and inwards in cell and on vein 1, some black before it above inner margin; claviform deep red-brown defined by blackish, short and broad, extending to median nervure; orbicular and reniform with their annuli represented by white points incompletely defined by black, the former round, the latter with ochreous spot in outer part of centre; a small medial

blackish spot on costa and traces of a sinuous line from lower angle of cell to inner margin; postmedial line double, filled in with ochreous at costa, then minutely waved, oblique to vein 3 near subterminal line, then incurved, some whitish points beyond it on costa; subterminal line represented by a series of small whitish lunules with short black streaks before and beyond them, slightly excurved below vein 7 and at middle; the veins of terminal area with slight blackish streaks ending in white points; a terminal series of black points in the interspaces. Hind wing bright glossy red-brown, the cilia reddish ochreous with a dark line through them. Underside of fore wing black-brown except costal and terminal areas; hind wing with the costal area except at base and terminal area to vein 5 clothed with black-brown hairy scales, the rest of wing whitish, a black discoidal spot and minutely waved postmedial line from costa to vein 3 and some black lunules on termen.

♀. Fore wing darker red-brown more variegated with ochreous, the spot in reniform whitish; hind wing darker, the underside with the costal area suffused with red-brown, a dark subterminal shade from costa to submedian fold.

Hab. CEYLON, Peradenyia (*Mackwood*), 1 ♂ type, Kandy (*Mackwood*), 1 ♀. *Exp.* 38–40 mm.

2974 b. *Trachea niveipuncta*, sp. n.

Trachea consummata ab. 4, *Himpsn. Cat. Lep. Phal. B. M.* vii. p. 201.

♂. Head and thorax bright red-brown with a few blackish scales, the tegulae with blackish medial line; palpi blackish at sides except at tips; tarsi blackish ringed with rufous; abdomen greyish brown, the crests, anal tuft, and ventral surface rufous. Fore wing bright red-brown irrorated with blackish, the terminal area slightly darker except at apex; subbasal line represented by double black striae from costa and cell; antemedial line double, blackish, slightly angled outwards below costa, in submedian fold and above inner margin, and inwards in cell and on vein 1, some black before it above inner margin; claviform black-brown defined by black, short and broad, extending to median nervure; orbicular and reniform with their annuli represented by some white points incompletely defined by black, the former oblique, the latter with ochreous lunule in outer part of centre; a blackish spot at middle of costa and traces of a sinuous line from lower angle of cell to inner margin; postmedial line double, bent outwards below costa, then minutely

waved, oblique to vein 3 near subterminal line, then slightly incurved, some ochreous points beyond it on costa; subterminal line represented by a series of minute pale lunules with short black streaks before and beyond them; the veins of terminal area with slight black streaks ending in white points; a terminal series of black points in the interspaces. Hind wing glossy red-brown, the cilia rufous. Underside of fore wing black-brown except costal and terminal areas; hind wing whitish, the costal area tinged with rufous, a black discoidal spot, curved, minutely waved postmedial line and subterminal shade from costa to vein 3.

♀. Fore wing with the spot in the reniform pure white.

Hab. CEYLON, Galboda (*Mackwood*), 1 ♂, 2 ♀ type.
Exp. 40-42 mm.

T. hyposcota and this species may be known from *T. consummata* by the black-brown underside of fore wing, the former having in the male the costal area of hind wing also black-brown, this species having the spot in reniform of female pure white.

3065 a. *Cropia leucodonta*, sp. n.

Antennæ of male simple and somewhat laminate.

Head and thorax reddish brown with a few black scales; palpi dark brown, the second joint white in front; pectus whitish; tarsi dark brown ringed with whitish; abdomen brown, the crests very large and reddish brown, the ventral surface whitish at base. Fore wing dark reddish brown mixed with greyish; subbasal line pale slightly defined on each side by black, waved, from costa to vein 1; antemedial line pale slightly defined by black, oblique, minutely waved, angled outwards below costa and inwards at vein 1; claviform defined by black at extremity; orbicular grey-brown defined by black except above, large, rounded; reniform defined by black on inner side and by white on outer, slightly angled inwards on median nervure; postmedial line double and filled in with white at costa, then very oblique and defined on each side by white to vein 6 near subterminal line, then double filled in with greyish and defined on outer side by greyish and oblique to inner margin, some white points beyond it on costa and an oblique wedge-shaped white streak beyond costa; subterminal line whitish, slightly excurved at vein 7, excurved and waved at middle; a series of black and white points before termen; a fine white line at base of cilia. Hind wing cupreous red-brown; cilia white

at base ; the underside whitish thickly irrorated with brown, an oblique dark medial line, discoidal spot, and crenulate postmedial line.

Hab. W. COLOMBIA, San Antonio (*Palmer*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 30, ♀ 34 mm.

3078 a. *Heterochroma thermeola*, sp. n.

♂. Head and thorax red-brown mixed with black and a few whitish scales ; tegulæ with blackish medial shade ; abdomen rufous mixed with greyish ochreous, the crests darker at tips. Fore wing bright rufous irrorated with black ; subbasal line represented by pale greenish striæ from costa and cell defined on each side by black ; a patch of black suffusion from cell to inner margin before the antemedial line which is double, black filled in with greenish, oblique to above inner margin to which it is strongly bent inwards ; claviform defined by greenish and black at extremity ; orbicular with black centre and greenish annulus, somewhat constricted at middle ; the end of cell filled in by a black patch ; the reniform with rufous centre defined by black and greenish annulus angled inwards on median nervure and extending to well below the cell ; postmedial line double, black filled in with pinkish, strongly bent outwards below costa, oblique to vein 6 where it is angled, incurved below vein 4, and dentate at veins 4, 3, 1, bent outwards to inner margin ; the postmedial area with white points on costa, large blackish patches below costa, at and below middle, and rufous dentate marks on veins 6, 4, 3 ; subterminal line whitish, slightly bent outwards to costa and excurved at vein 1 ; a terminal series of blackish lunules ; cilia with waved ochreous line at base and ochreous streaks intersecting the dark tips at the veins. Hind wing cupreous red-brown, yellowish at base ; cilia yellowish at base ; the underside paler irrorated with brown, a blackish discoidal spot and crenulate postmedial line.

Hab. W. COLOMBIA, R. Dagua, Naranjito, 1 ♂ type. *Exp.* 46 mm.

3149 a. *Perigea micragalla*, sp. n.

♂. Head, thorax, and abdomen red-brown mixed with greyish. Fore wing grey suffused with rufous and slightly irrorated with blackish ; subbasal line represented by an oblique grey striga from costa and black point below the cell ; antemedial line indistinct, double, black filled in with greyish,

oblique, sinuous, incurved at vein 1; orbicular with yellowish centre and white annulus defined by black, open above, small, oblique elliptical; reniform with yellowish centre defined by black and slight white annulus, narrow; some deep rufous in cell before and between the stigmata; medial line faint and rather diffused, oblique to the reniform and sinuous from lower angle of cell to inner margin; post-medial line black slightly defined on outer side by whitish, bent outwards below costa, then minutely waved and produced to blackish streaks with white points on them on the veins, incurved below vein 4, some rufous points beyond it on costa; subterminal line indistinct whitish with some slight blackish points on its inner side, excurved below vein 7 and at middle; a terminal series of slight black lunules. Hind wing ochreous white tinged with brown especially on terminal area; a fine dark terminal line; cilia ochreous white; the underside with the costal area irrorated with red-brown, a black discoidal spot, sinuous postmedial line, and terminal series of slight lunules.

Hab. N.E. PERU, Huancabamba, 2 ♂ type. *Exp.* 30 mm.

3169 a. *Perigea pyrocausta*, sp. n.

♂. Head and tegulæ fiery red with some yellow on vertex of head and at base of tegulæ; palpi red-brown; thorax red-brown mixed with fiery red; pectus, legs, and abdomen red-brown. Fore wing fiery red mixed with yellow, the terminal area suffused with grey-brown, some grey-brown at base of inner margin; subbasal line represented by a faint yellowish bar from costa with point beyond it in cell; ante-medial line indistinctly double filled in with yellowish, oblique and slightly sinuous to above inner margin where it is angled; claviform slightly defined by yellow and brown at extremity; orbicular represented by an oblique downcurved yellow lunule defined below by blackish and a yellow and black point above its extremity; reniform with yellow and fiery red centre and yellow annulus defined by brown, constricted at middle; medial line brown, oblique and slightly sinuous to median nervure, then inwardly oblique; post-medial line blackish defined on outer side by grey, bent outwards below costa, oblique to vein 5, then incurved; sub-terminal line indistinct, red with some yellow on its outer edge towards costa, angled outwards at vein 7 and excurved at middle; a fine black terminal line and pale line at base of cilia. Hind wing whitish suffused with brown; an indistinct dark discoidal bar and traces of a postmedial line; the

underside whitish tinged and irrorated with brown, a large brown discoidal spot and indistinct diffused postmedial line.

Hab. W. COLOMBIA, R. Cauca, Guabinas, 1 ♂ type. *Exp.* 28 mm.

3266 a. *Hypoplexia melanica*, sp. n.

♂. Head and thorax fuscous black mixed with some grey; pectus grey; tibiæ irrorated with ochreous, the tarsi ringed with ochreous; abdomen fuscous tinged with grey, the ventral surface grey. Fore wing black with a greyish gloss; basal line black, waved, from costa to submedian fold, some ochreous scales beyond it below the cell; antemedial line black, with ochreous point at costa, waved; claviform defined by black, acute at extremity; orbicular defined by black and with some ochreous scales representing the annulus, rather oblique elliptical; reniform defined by black, with rather punctiform reddish-ochreous annulus and striga in centre, somewhat constricted at middle; medial line curved and slightly sinuous; postmedial line double with some reddish scales on it and reddish striga at costa, bent outwards below costa, then waved, incurved below vein 4, some reddish points beyond it on costa; subterminal line black, crenulate, with dentate black marks before it and streaks beyond it in the interspaces; a terminal series of minute whitish points. Hind wing white, the terminal area fuscous narrowing to a point at tornus; cilia whitish towards tornus; the underside with the costal area slightly irrorated with fuscous, a black discoidal point.

Hab. TRANSVAAL, White R. (Cooke), 1 ♂ type. *Exp.* 40 mm.

3437 a. *Eriopus thermochroa*, sp. n.

♂. Head and thorax rufous mixed with ochreous, the tegulæ with some black scales, tarsi black with pale rings; abdomen red-brown with pale rings, the ventral surface rufous. Fore wing rufous mixed with some ochreous and irrorated with black; subbasal line black, oblique, sinuous, ending at the antemedial line at vein 1; antemedial line double, black filled in with ochreous, minutely waved; claviform small, defined by black; orbicular with ochreous annulus defined by black, round; reniform incompletely defined by black; a medial black striga from costa and an oblique minutely waved line from lower angle of cell to inner margin; postmedial line double, black filled in with ochreous, with a small black spot at costa, bent outwards below costa,

then with small black lunules on its inner edge, incurved at discal fold, incurved and waved below vein 4, some whitish points beyond it on costa; subterminal line double, blackish, waved, incurved at discal fold and below vein 4; a diffused dark mark at middle of terminal area and a series of black striæ just before termen defined on inner side by white. Hind wing cupreous red-brown, the cilia with a whitish line at base and whitish tips; the underside whitish irrorated with brown, a small brown discoidal lunule and crenulate postmedial line incurved below vein 3.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♂ type. *Exp.* 26 mm.

3137 b. *Eriopus nana*, sp. n.

♀. Head and thorax red-brown mixed with some ochreous; pectus and legs with more ochreous, the tibiæ and tarsi with dark brown and ochreous bands; abdomen fuscous brown with pale rings, the crests ochreous and rufous, the ventral surface whitish. Fore wing dark red-brown mixed with some greyish ochreous; subbasal line double filled in with whitish, waved, from costa to vein 1; antemedial line double filled in with whitish, sinuous, a white spot before it above vein 1; orbicular an oblique pale bar with black point in centre; reniform pale with black striga in centre, constricted at middle; postmedial line double filled in with whitish, bent outwards below costa, incurved at discal fold and below vein 4, slightly excurved at vein 1, some white points beyond it on costa; traces of a waved whitish subterminal line with a series of rather lunulate dark patches before it, an oblique white dash beyond it above vein 4; a terminal series of small black spots defined on inner side slightly by white. Hind wing dark cupreous brown; cilia with a fine whitish line at base and whitish tips; the underside grey-white irrorated and suffused with brown, a brown discoidal lunule, curved postmedial line slightly defined on outer side by whitish, and terminal series of slight dark lunules.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♂ type. *Exp.* 22 mm.

3438 a. *Eriopus cyanopera*, sp. n.

♀. Head and thorax purplish red-brown mixed with some ochreous; palpi in front and lower part of frons whitish; tarsi ringed with white; abdomen red-brown, the dorsal crests dark brown and white at tips, the ventral surface purplish red-brown irrorated with ochreous. Fore wing

pinkish red mixed with ochreous, thickly irrorated and in parts suffused with dark brown, the apical area irrorated with blue-white; subbasal line reddish ochreous with black striæ before it from costa and cell, dentate, from costa to submedian fold; antemedial line reddish ochreous defined on outer side by slight black marks, angled outwards below costa, then sinuous, bent inwards to inner margin; orbicular represented by an oblique ochreous and blackish streak to inner edge of reniform which is faintly defined by reddish ochreous and black and with black bar in upper part of centre, narrow above, expanding below and with white point at lower extremity; a diffused oblique sinuous blackish line from beyond lower angle of cell to inner margin; postmedial line black defined on outer side by ochreous, minutely waved, oblique to vein 4, then inwardly oblique and angled inwards above vein 1; a dark patch on postmedial costal area with some white points on costa; subterminal line white and dentate towards costa and with oblique white streak before it above vein 6, then ochreous defined on inner side by black, angled inwards at discal fold to near postmedial line, then represented by slight dentate marks; a terminal series of small black lunules defined on inner side by bluish white. Hind wing red-brown, the cilia chequered with whitish; the underside bluish white irrorated with dark brown, a small discoidal lunule with white centre, postmedial line bent outwards below costa, then minutely crenulate, and terminal series of small black lunules.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♀ type. *Exp.* 36 mm.

3508 a. *Bryophila fulvifusa*, sp. n.

♂. Head and tegulæ creamy white mixed with fuscous; thorax rufous and fuscous mixed; pectus and legs creamy white, the tarsi blackish ringed with white; abdomen fuscous ringed with whitish, the ventral surface and anal tuft ochreous white. Fore wing grey thickly irrorated and suffused with fuscous, the basal inner area mostly fulvous orange; subbasal line represented by a blackish striga from costa; antemedial line indistinct, blackish, slightly sinuous, oblique from costa to just below the cell, then erect; orbicular and reniform fulvous-orange, ill-defined, a blackish mark between them; postmedial line indistinct, blackish, strongly bent outwards below costa, then minutely waved, strongly angled inwards in submedian fold, then bent outwards, a patch of fulvous-orange suffusion beyond it in

submedian interspace and some pale points on costa; subterminal line indistinct, blackish, slightly angled outwards at vein 7 and excurved at middle; the terminal area with some fulvous-orange suffusion. Hind wing white tinged with reddish brown, the cilia white at tips; the underside white with small blackish discoidal spot, indistinct curved postmedial line from costa to vein 2, and slight diffused subterminal shade.

Hab. TRANSVAAL, Johannesburg (*Cooke*), 1 ♂ type. *Exp.* 24 mm.

3579 a. *Neophænis catocala*, sp. n.

♂. Head and thorax green; pectus and legs whitish and yellow, the fore tibiæ with black streak, the tarsi ringed black and white; abdomen yellow tinged with brown, the crests tipped with black. Fore wing yellow-green slightly tinged in parts with pale brown; subbasal line double, blackish, excurved below costa and ending in a short streak above vein 1; antemedial line double, black, waved, incurved in cell; claviform slightly defined by black at extremity; orbicular defined by black at sides only; reniform incompletely defined by black, large and extending to well below the cell; an indistinct sinuous medial line; postmedial line double, black, bent outwards below costa, then oblique to discal fold where there is a black streak from it to termen, below vein 4 incurved and somewhat dentate, some black points beyond it on costa; subterminal line whitish defined on inner side by black-brown spots, slightly waved, angled inwards at vein 5, a blackish spot beyond it below vein 4; a waved black terminal line; cilia blackish at tips. Hind wing pale yellow, the basal half suffused with brown; a black medial line angled outwards at discal fold, defined on outer side by a yellow band; a black subterminal band expanding into a large apical patch and emitting streaks to termen below veins 4 and 2; cilia yellow with patches of black towards apex and at middle; the underside with blackish discoidal bar with pale striga on it, the medial line slighter and somewhat crenulate.

Hab. BRAZIL, Rio Janeiro, 1 ♂ type. *Exp.* 44 mm.

3616 a. *Thalatha occidens*, sp. n.

♂. Head, thorax, and abdomen white mixed with reddish ochreous; tegulæ with faint brown line at middle and prominent line near tips; patagia with some black scales near upper edge; palpi blackish at sides; antennæ brown. Fore

wing white mixed with reddish ochreous; slight pale rufous subbasal and antemedial marks on costa; a sinuous black streak below the cell defined above by white, to the whitish antemedial line which is slightly sinuous and defined on each side by black scales from cell to inner margin; orbicular and reniform white slightly defined by reddish ochreous, the former with reddish-ochreous point in centre, round, a quadrate brown spot between them; postmedial line white defined by black scales, formed by dentate marks and excurved to vein 3, then bent inwards to below end of cell, angled outwards at vein 1 and inwards above inner margin, an oblique white striga beyond it from vein 3 to tornus; a very ill-defined waved white subterminal line from costa to vein 3; a terminal series of black points defined by white lunules; cilia chequered white and rufous. Hind wing whitish suffused with ochreous brown; the underside white tinged with ochreous, the costal area irrorated with a few black scales, a black discoidal spot and crenulate postmedial line excurved from below costa to vein 4.

Hab. S. NIGERIA, Ilesha (*Humphrey*), 1 ♂ type. *Exp.* 36 mm.

3641 a. *Acronycta transvalica*, sp. n.

♂. Head and thorax white mixed with black-brown; patagia edged with black; pectus white; legs tinged with rufous, the tarsi banded with blackish; abdomen white dorsally tinged with brown, the basal crest tipped with black. Fore wing grey-white irrorated and in parts suffused with reddish brown; a strong black streak below the cell from base to antemedial line, giving off a slight spur below at middle; subbasal line represented by double blackish striæ from costa; antemedial line double, excurved below costa, oblique and waved below submedian fold; orbicular defined by black, round; reniform tinged with rufous and slightly defined by black at sides; medial line black, oblique to median nervure, then slightly angled inwards and outwards at vein 1, some dark suffusion beyond it; postmedial line double, strongly bent outwards below costa, then minutely dentate, excurved to vein 4, then strongly incurved to near medial line, an oblique black streak from just before it in submedian fold to near termen, some dark suffusion beyond it on costal area and white points on costa; a blackish mark just before termen in discal fold and oblique striga in submedian fold; a terminal series of small blackish spots; cilia chequered white and blackish. Hind wing pure white; the

underside with blackish striga from middle of costa and obliquely placed blackish postmedial spots on and below costa.

Hab. TRANSVAAL, Barberton, Noord Kaap (*Jeffery*), 1 ♂ type. *Exp.* 28 mm.

4020 a. *Athetis strigata*, sp. n.

♀. Head and thorax ochraceous white with some brown scales especially on tegulæ; palpi blackish at sides; antennæ black; prothorax with small black spot; tarsi brownish with pale rings; abdomen whitish irrorated with brown except at base and on ventral surface. Fore wing ochreous white irrorated with brown, forming diffused streaks in the interspaces except on costal area, the terminal area suffused with brown; a subbasal blackish point on costa; traces of an oblique sinuous antemedial line; a medial brownish spot on costa and traces of an oblique line from lower angle of cell to inner margin; postmedial line with brownish spot at costa, bent outwards below costa, then excurved and minutely waved, defining the inner edge of the dark terminal area; a terminal series of black points. Hind wing pure white; a slight brownish terminal line from apex to vein 2; the underside with the costal area slightly irrorated with brown.

Hab. BR. E. AFRICA (*Coryndon*), 1 ♀ type. *Exp.* 30 mm.

4020 b. *Athetis poliophæa*, sp. n.

♀. Head, thorax, and abdomen grey-brown, the pectus and ventral surface of abdomen whiter. Fore wing grey-brown, the terminal area cupreous brown except towards apex, the costal area slightly irrorated with white; traces of a sinuous dark antemedial line; a curved blackish medial line; postmedial line indistinct, minutely dentate, excurved to vein 4, then incurved, some whitish points beyond it on costa; two slight subterminal white spots below costa; a terminal series of black points with white points before them. Hind wing fuscous brown; the cilia whitish with a dark line at base; the underside brown thickly irrorated with white.

Hab. W. COLOMBIA, R. Dagua, Naranjito, 1 ♀ type. *Exp.* 34 mm.

4061 a. *Ariathisa nyctimesa*, sp. n.

♂. Head and thorax bluish grey irrorated with fuscous; palpi black, white at tips; lower part of frons white, the

upper part black; antennæ black; basal half of tegulæ brown with black lines near base and at middle; outer half of patagia black; metathorax with paired black patches; pectus and legs black-brown and whitish, the tarsi black ringed with white; abdomen white irrorated with brown. Fore wing blue-grey tinged in parts with brown, the costal half suffused with black-brown to subterminal line, the post-medial area darker, the terminal area clear blue-grey; a slight black streak in base of submedian fold; subbasal line double, black filled in with whitish, waved, from costa to submedian fold; antemedial line double, blackish filled in with whitish, waved, acutely angled outwards in submedian fold to the postmedial line; orbicular and reniform grey defined by black, the former small, round, the latter produced at lower extremity, with black striga in centre and its lower part filled in with black, a patch of blackish suffusion between them; postmedial line indistinctly double filled in with whitish, bent outwards below costa, then dentate and produced to black and white points on the veins, some white points beyond it on costa; subterminal line represented by the contrast between the postmedial and terminal areas and defined on inner side by black streaks at middle, slightly angled outwards at veins 7, 6; a terminal series of black striae. Hind wing white, the apical area slightly tinged with brown; the underside with the costal and terminal areas sparsely irrorated with fuscous, the apical area suffused with fuscous, a small black discoidal lunule and traces of a postmedial series of points on the veins.

Hab. W. AUSTRALIA, Waroona (*Berthoud*), 1 ♂ type.
Exp. 36 mm.

4100 a. *Ethiopia exolivia*, sp. n.

♂. Head and thorax purplish red mixed with some white; pectus with more white; tarsi pale brownish ringed with white; abdomen white tinged with ochreous, some purplish red at base of dorsum, the ventral surface purplish red. Fore wing purplish red slightly irrorated with whitish, the terminal area yellowish olive; slight sinuous whitish sub-basal and antemedial lines from costa to submedian fold; orbicular and reniform defined by whitish, the former round, the latter rather constricted at middle and with whitish patch at middle of outer side; postmedial line slight, whitish, strongly bent outwards and obsolescent below costa, then slightly waved and excurved at middle, some white points beyond it on costa; a slight waved whitish sub-terminal line, incurved at discal fold and below vein 3; a

terminal series of minute white points. Hind wing pure white; the underside with the costal area tinged with purplish red.

Hab. N. NIGERIA, Bauchi Prov., Kabwir (*Fox*), 3 ♂ type. *Exp.* 30 mm.

4106 a. *Paromphale chionephra*, sp. n.

♂. Head and thorax fuscous tinged with grey, the back of head and tegulæ rufous; palpi rufous with some fuscous at side of second joint; pectus and legs white tinged with rufous, the tibiæ and tarsi blackish ringed with white; abdomen white tinged with rufous, dorsally irrorated with brown. Fore wing glossy grey tinged with fuscous; the base of costal area black; antemedial line black slightly angled outwards below costa, then sinuous; orbicular a white point defined by black, the reniform a small white spot with some black before and beyond it; postmedial line black, bent outwards below costa, slightly incurved at discal fold, oblique below vein 4 and slightly excurved at vein 1, some white points beyond it on costa; subterminal line defined by a blackish shade before it, slightly angled outwards at vein 7 and excurved at middle; a terminal blackish line. Hind wing whitish suffused with fuscous brown; cilia white at tips except at apex; the underside white tinged with brown, the costal area irrorated with brown, a slight discoidal spot, indistinct curved postmedial line and a terminal line.

Hab. RHODESIA, Zambesi, Victoria Falls (*Longstaff*), 1 ♂ type. *Exp.* 18 mm. Cotypes in Mus. Oxon.

4305 a. *Neostrotiu mediopallens*, sp. n.

♀. Head and thorax dark red-brown; abdomen red-brown with pale segmental lines, the ventral surface whitish tinged with rufous. Fore wing with the base deep red-brown, its outer edge oblique and sinuous; the broad medial area whitish tinged with ochreous; faint traces of a curved rufous antemedial line with a dark point on it in submedian fold; orbicular a small fuscous spot, the reniform a slight lunule with black points at its upper and lower extremities; a very indistinct pale rufous medial line, bent outwards below costa, then sinuous; postmedial line double, dark red-brown slightly filled in with ochreous and somewhat incurved below vein 5, the area beyond it red-brown with an ochreous apical patch, traces of a subterminal series of ochreous points and a slight ochreous patch on termen

above tornus; a fine dark terminal line and pale line at base of cilia. Hind wing white; a small blackish discoidal spot; traces of a sinuous postmedial line; the apical area with some dark irroration; a terminal series of black striæ; the underside with the costal area and terminal area to vein 3 ochreous irrorated with brown, a black discoidal spot, minutely waved postmedial line from costa to vein 2 with a brown patch beyond it on costa, and terminal series of black striæ.

Hab. COLOMBIA, San Antonio (*Palmer*), 1 ♀ type. *Exp.* 20 mm.

4817 a. *Callyna holophæa*, sp. n.

♀. Head and thorax black-brown; pectus greyish; tarsi ringed with white; abdomen fuscous tinged with grey. Fore wing black-brown; a subbasal grey striga from costa; antemedial line very indistinct, black, oblique, sinuous, with some grey irroration at costa; claviform small, defined by black above; orbicular minute, grey defined by black, round; reniform with greyish annulus defined by black, strongly constricted at middle; a faint oblique line from lower angle of cell to inner margin; postmedial line very indistinct, black defined on outer side by grey towards costa, bent outwards below costa to just beyond the reniform, then minutely dentate; four white points on terminal part of costa; subterminal line indistinct, dark, excurved below vein 7 and at middle; a fine blackish terminal line and slight pale line at base of cilia. Hind wing fuscous with a fine blackish terminal line and pale line at base of cilia; the underside grey thickly irrorated with fuscous, the terminal area suffused with fuscous, a faint discoidal spot and traces of a postmedial line.

Hab. N. NIGERIA, Bauchi Prov., Panyam (*Fox*), 1 ♀ type. *Exp.* 30 mm.

Genus PROLYMNIA, nov.

Type, *P. viola*.

Proboscis fully developed; palpi upturned, the second joint reaching to vertex of head and slenderly scaled, the third moderate, oblique; frons smooth with tuft of hair above; eyes large, round; antennæ of male serrate and fasciculate, the shaft thickened at base, the apical third ciliated; thorax clothed with hair and scales mixed, the pro- and metathorax with spreading crests, tibiæ slightly fringed with hair; abdomen with dorsal crests on two basal segments. Fore

wing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from below upper angle; 7 from angle; 8, 9, 10 stalked; 11 from cell. Hind wing with veins 3, 4 from angle of cell; 5 obsolescent from well below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

4533 a. *Prolymnia viola*, sp. n.

♂. Head, thorax, and abdomen brown mixed with grey. Fore wing violaceous brown mixed with grey, the basal area greyer; an oblique subbasal grey line from costa to vein 1 followed by a violaceous brown patch below subcostal nervure defined on outer side by a grey line; antemedial line grey, acutely angled outwards below costa, then obliquely incurved; reniform figure-of-eight-shaped, defined by whitish; postmedial line slight, grey, arising at discal fold in which it is bent outwards as a streak, oblique to vein 2, then obliquely incurved; a dark violaceous patch defined by whitish on costa before the subterminal line, quadrate with oblique inner edge; subterminal line greyish, strongly incurved below vein 6 and ending on termen above tornus; the termen dark defined on inner side by a fine whitish line. Hind wing grey-brown, the cilia whitish at tips towards tornus; the underside greyer.

Hub. GOLD COAST, Kumasi (*Whiteside*), 1 ♂ type. *Exp.* 30 mm.

4533 b. *Prolymnia atrifera*, sp. n.

♀. Head, thorax, and abdomen brown mixed with grey. Fore wing grey tinged and thickly irrorated with brown; subbasal line grey, erect, from costa to vein 1; antemedial line grey, oblique, bent inwards to costa, another line just before it at costa to submedian fold towards which it diverges; reniform elliptical, slightly defined by grey and with a lunulate black-brown patch on its inner side arising from costa; a grey line from lower angle of cell to inner margin; a diffused blackish fascia from lower angle of cell to subterminal line, before which there is a black-brown patch defined by grey from costa to vein 6, quadrate with oblique inner edge; subterminal line grey, strongly incurved below vein 6 and ending on termen above tornus; a terminal series of black striæ defined on inner side by a fine waved whitish line. Hind wing fuscous brown, the cilia greyer; the underside grey tinged and thickly irrorated

with brown, a brown discoidal point and indistinct curved postmedial line.

Hab. S. NIGERIA, Lagos, Ebute Meta (*Boag*), 1 ♀ type. *Exp.* 32 mm.

ERASTRIANÆ.

5003 a. *Acidaliodes costipuncta*, sp. n.

Head, thorax, and abdomen white mixed with brown, the pectus and legs whiter. Fore wing whitish suffused with red-brown; subbasal and antemedial black points on costa; small blackish spots at middle of cell and on discocellulars; a medial black point on costa and indistinct diffused brown line from it to inner margin; the terminal half of costa with prominent series of small brown spots; an indistinct dark postmedial line, angled outwards at vein 6 and incurved below vein 4, the area from just beyond it suffused with dark brown; a slight whitish subterminal line, angled outward below apex, minutely dentate at middle and angled inwards in submedian fold; a terminal series of blackish striæ. Hind wing whitish suffused with red-brown except towards base; a slight brown discoidal striga; an indistinct sinuous postmedial line defined on outer side by whitish; a subterminal series of small whitish lunules and a terminal series of dark striæ; the underside whitish, the terminal area suffused with brown, a small blackish discoidal spot and diffused sinuous brown postmedial line.

Hab. PERU, Cuzco Mts. (*Garlepp*), 1 ♂, 1 ♀ type. *Exp.* 16 mm.

5020 a. *Anablemma diagramma*, sp. n.

Fore wing with the termen angled at vein 6, then oblique; hind wing with veins 3, 4 and 6, 7 stalked, 8 anastomosing with the cell to beyond middle.

♀. Head, thorax, and abdomen grey-white slightly tinged with rufous; palpi and frons black-brown; fore and mid legs suffused with brown. Fore wing grey-white tinged with rufous and striated with brown; an oblique blackish antemedial striga from costa; an oblique black postmedial line from vein 2 to inner margin; the termen with small black spots from apex to vein 4. Hind wing grey-white tinged with brown and slightly irrorated with dark brown; a terminal series of dark points from apex to vein 2; the underside white, the costal and terminal areas slightly irrorated with blackish, a slight blackish discoidal lunule, curved

sinuous postmedial line and series of small black spots on termen from apex to vein 2.

Hab. BRAZIL, Rio Janeiro (*Wilson*), 1 ♀ type. *Exp.* 28 mm.

Genus ALYPOPHANES.

Type.

Alypophanes, Turner, Tr. R. Soc. S. Austr. xxxii, p. 63

(1903) *iridicosma*.

5310 a. *Alypophanes flavirosea*, sp. n.

♀. Head yellow with crimson band behind; palpi with the second joint brown towards extremity, the third white; thorax and abdomen bright rose-pink, the latter with white spot at base of dorsum and the anal tuft yellow; pectus, legs, and ventral surface of abdomen white. Fore wing bright rose-pink; a yellow subbasal band, not reaching costa and expanding towards inner margin; a medial yellow band expanding towards costa and inner margin; the termen narrowly and cilia yellow. Hind wing bright rose-pink; an oblique yellow medial band expanding into a rounded patch beyond the cell and bent inwards below submedian fold to above tornus; cilia yellow.

Hab. SOLOMON Is., Bougainville (*Meek*), 1 ♀ type. *Exp.* 12 mm.

5310 b. *Alypophanes phænicoxantha*, sp. n.

♀. Head yellow with crimson band behind; palpi with the second joint brownish towards extremity; antennæ with the shaft brown except towards tips; thorax and abdomen purplish pink, the latter with pure white spot at base of dorsum and the anal tuft yellow; pectus, legs, and ventral surface of abdomen white, the fore tibiæ brown on inner side. Fore wing yellow; a purplish-pink patch at base with sinuous outer edge; a rounded purplish-pink antemedial patch from costa to vein 1, with a yellow streak on it on costa, edged at sides with blackish, and with its lower edge rather excised; the terminal area with large elliptical purplish-pink patch from costa to tornus, its inner edge slightly excised at middle and defined by blackish, its outer edge sinuous and leaving some yellow on termen from apex to vein 4; cilia yellow. Hind wing purplish pink, the inner area pale; the costal area yellow; a rounded yellow patch beyond the cell conjoined to the costal area and giving off an oblique striga from its lower edge to vein 2; a narrow

yellow terminal band indented by a pink tooth running out to termen at vein 3; cilia yellow.

Hab. BR. N. GUINEA, Milne Bay (*Meek*), 1 ♀ type. *Exp.* 18 mm.

Genus EUGATHA, nov.

Type, *E. thermochroa*.

Proboscis rather slight; palpi with the second joint obliquely porrect and broadly fringed with hair above, the third short, porrect; frons smooth, with tuft of hair; eyes large, round; antennæ of male somewhat laminate and almost simple; thorax clothed almost entirely with scales, the metathorax with depressed crest; tibiæ fringed with long hair; abdomen with large basal crest. Fore wing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hind wing with veins 3, 4 from angle of cell; 5 nearly fully developed from well above angle; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

5429 a. *Eugatha thermochroa*, sp. n.

♂. Head and thorax bright rufous mixed with red-brown; antennæ with the basal joint whitish in front; abdomen rufous, the sides and ventral surface towards base whitish, the basal crest red-brown. Fore wing bright rufous slightly irrorated with red-brown, the terminal area tinged with purplish, the termen violaceous white, the veins streaked with red-brown; a slight waved red-brown subbasal line from costa to vein 1; antemedial line double, red-brown, angled outwards to near upper angle of cell, then oblique; a rather diffused blackish spot at lower angle of cell with an oblique red-brown line from it to inner margin; postmedial line double, red-brown, oblique from costa to vein 6, slightly incurved at discal fold, oblique below vein 4; some chocolate-brown on costa before the oblique red-brown subterminal line which is slightly excurved at middle; a series of black-brown striæ just before termen. Hind wing creamy-white, the terminal area suffused with red-brown; cilia white tinged with rufous; the underside with the costal and terminal areas irrorated with rufous, a red-brown discoidal spot, curved postmedial line and fine terminal line.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 1 ♂ type. *Exp.* 22 mm.

6077 a. *Hoplotarache nephele*, sp. n.

♀. Head and thorax white, the latter with some grey on dorsum; antennæ fulvous brown with a black point between their bases; pectus and legs white, the fore femora above and tarsi tinged with brown; abdomen grey-brown with white segmental lines, the ventral surface white. Fore wing white suffused with grey and olive-brown except on costal area to subterminal line; basal half of inner area, and terminal area except at apex; the costa with oblique antemedial and medial grey and olive bars and a postmedial spot, the inner margin with white antemedial striga defined on each side by grey patches; orbicular and reniform grey with white annuli, round; a wedge-shaped white medial patch from submedian fold to inner margin; postmedial line olive-brown slightly defined on outer side by whitish from the costal area to inner margin and incurved below vein 4; the white terminal area with sinuous inner edge, excurved at middle and bent outwards to tornus; black bars on termen at discal and submedial folds with two slight spots between them, the cilia fuscous beyond the discal bar. Hind wing white tinged with brown, the terminal area suffused with brown; cilia white mixed with brownish; the underside white, a slight dark discoidal lunule, the terminal area suffused with brown from apex to vein 2.

Hab. GERM. E. AFRICA, Usagara Distr., Kilossa (*Neave*), 1 ♀ type. *Exp.* 30 mm.

LVI.—*Descriptions of new Species of African Diptera in the Collection of the British Museum.* By GEOFFREY MEADE-WALDO, M.A.

(Published by permission of the Trustees of the British Museum.)

THE majority of the new species described in the present paper were received from the Entomological Research Committee (Tropical Africa).

All the types are in the British Museum Collection.

All measurements of length are from the front of the head to the apex of the second abdominal segment.

Masaridæ, Leach.

MASARIS, F.

Masaris vespiformis, F.

This interesting insect seems to have been the subject of